

CANADIAN INDUSTRY IN 1871

Ontario County Series #3

CARLETON COUNTY INDUSTRIES, 1871 INDEX TO MANUSCRIPT CENSUS

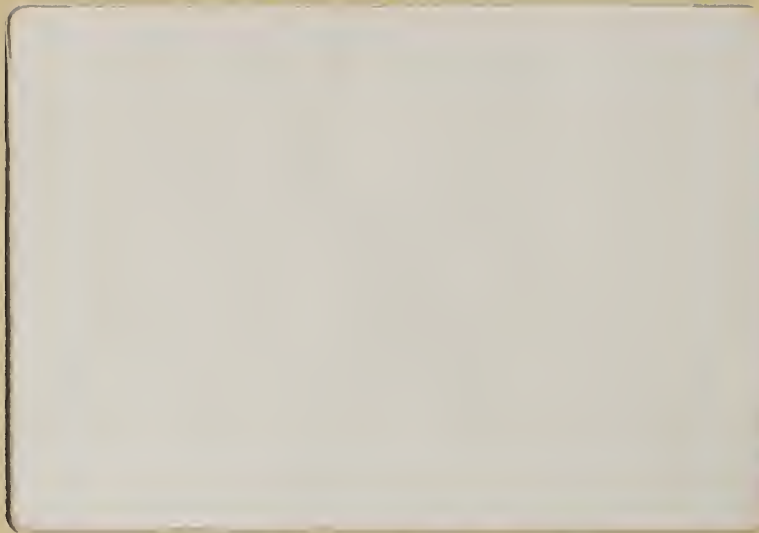
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The view of Whitevale, Township of Pickering, was chosen to illustrate Canadian industry in 1871. At this time, a high proportion of manufacturing activity was still located in small settlements, some of which were growing rapidly into towns. **Lovell's Directory** (1871) described Whitevale as:

A thriving village...[with] extensive flouring and woollen mills... Montreal Telegraph Co has an office here. Distant from Whitby, the county town, and a station of the Grand Trunk Railway, 13 miles. Mail daily. Population about 250.

Truman P. White has acquired the water rights at Majorville on Duffin's Creek in 1845 and developed a grist mill, a saw mill and, later, a woollen mill. By 1871 the census enumerated six significant industrial establishments employing 66 workers and with a total value of production amounting to \$125,000. The transition from waterwheels (70 horsepower) to steam engines (66 horsepower) was already apparent in the village by this date. In common with its counterparts across the country, Whitevale's basic industrial activities were closely associated with the local agricultural area. There was also considerable economic integration apparent in the ownership of several establishments by Truman P. White and in the making of staves in the sawmill for the cooper shop which in turn supplied the flour mill with basic containers for transporting the flour to market.

Unlike many of its contemporaries, Whitevale has remained about the same size ever since 1871. The 1971 census recorded a population of only 273 in the unincorporated settlement. Whitevale never achieved connection by railway, county road or provincial highway. Much of the surrounding land was acquired for the planned Pickering airport and new town in 1972/3 and today the settlement is threatened by the creation of a municipal solid waste dump for Metropolitan Toronto and the Durham Region.

The illustration was first published in the **Illustrated Historical Atlas of the County of Ontario** (Toronto: J.H. Bees and Co., 1877), reprinted Ross Cumming, 1972).

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CANADIAN INDUSTRY IN 1871 (CANIND71) PROJECT

Ontario County Series #3

**CARLETON COUNTY INDUSTRIES, 1871
INDEX TO MANUSCRIPT CENSUS**

G.T. Bloomfield & Elizabeth Bloomfield

G.T. Bloomfield, series editor

Department of Geography

University of Guelph

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CANADIAN INDUSTRY IN 1871: ONTARIO COUNTY SERIES

The first Census of Canada was taken at a time when the "hum of industry" was believed to be an essential sign of a community's progress, usually associated with the benefits of railway connections. Many people at this time seem to have shared Thomas Keefer's vision of "the civilizing tendency of the locomotive":

A town has been built and peopled by the operatives -- land rises rapidly in value -- the neglected swamp is cleared and the timber is converted into all sorts of wooden "notions" -- tons of vegetables, grains or grasses are grown where none grew before -- the patient click of the loom, the busy hum of the spindle, the thundering of the trip-hammer and the roaring of steam, are mingled in one continuous sound of active industry.¹

The CANIND71 database created from the manuscript census schedules of industrial establishments is used in this series to provide snapshots of industrial activity in Ontario just after Confederation, at a time of transition in technology, business organization and work discipline. The 36 Ontario counties varied in the amount and intensity of "active industry", depending on how long they had been settled, how much of their population lived in cities and towns, and how well connected they were by rail or water transport.

One title in the CANIND71 series of research reports has already examined the mix of industrial activity in Wellington County, Ontario, as a model for what might be done for any other place of similar size and population in Ontario, Quebec, New Brunswick or Nova Scotia.²

The reports in the Ontario County Series have less detailed description and analysis than the study of Wellington County and more tabulations of data compiled out of the CANIND71 database. The reports follow a similar format. First, features of the CANIND71 database, especially its geographical organization and industrial classification, are explained so that readers can understand tables for particular counties. Each county is defined and factors in its history, location and resources that influenced the amount and character of industry by 1870-1 are noted. Then the structure and characteristics of industry in that county are summarized under the headings of location and distribution, industry types, size structure of industrial units, use of water and steam power, workplace types, and leading firms. The appendices present aggregate data grouped by geographical location, industry classifications and specific industry types. Summary data for individual establishments are then listed for the whole county, alphabetically by the proprietor's name, with additional lists for establishments in each city, town or village.

¹ T.C. Keefer, Philosophy of Railroads (1850), edited with an introduction by H.V. Nelles (Toronto: University of Toronto Press, 1972), p. 9.

² Elizabeth Bloomfield and G.T. Bloomfield, The Hum of Industry: Millers, Manufacturers and Artisans of Wellington County CANIND71 Research Report 9 (Guelph: University of Guelph, Department of Geography, 1989).

CANADIAN INDUSTRY IN 1871: ONTARIO COUNTY SERIES

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- 0-88955-262-2 Leeds & Grenville County Industries, 1871: Index to Manuscript Census
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- 0-88955-268-1 Ontario County Industries, 1871: Index to Manuscript Census (#21 in series)
- 0-88955-269-X Oxford County Industries, 1871: Index to Manuscript Census (#22 in series)
- 0-88955-270-3 Peel County Industries, 1871: Index to Manuscript Census (#23 in series)
- 0-88955-271-1 Perth County Industries, 1871: Index to Manuscript Census (#24 in series)
- 0-88955-272-X Peterborough County Industries, 1871: Index to Manuscript Census (#25 in series)
- 0-88955-273-8 Prescott & Russell County Industries, 1871: Index to Manuscript Census
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- 0-88955-274-6 Prince Edward County Industries, 1871: Index to Manuscript Census
(#27 in series)
- 0-88955-275-4 Renfrew County Industries, 1871: Index to Manuscript Census (#28 in series)
- 0-88955-276-2 Simcoe County Industries, 1871: Index to Manuscript Census (#29 in series)
- 0-88955-277-0 Stormont, Dundas & Glengarry County Industries, 1871: Index to Manuscript
Census (#30 in series)
- 0-88955-278-9 Victoria County Industries, 1871: Index to Manuscript Census (#31 in series)
- 0-88955-279-7 Waterloo County Industries, 1871: Index to Manuscript Census (#32 in series)
- 0-88955-280-0 Welland County Industries, 1871: Index to Manuscript Census (#33 in series)
- 0-88955-281-9 Wentworth County Industries, 1871: Index to Manuscript Census (#34 in series)
- 0-88955-282-7 York County Industries, 1871: Index to Manuscript Census (#35 in series)
- 0-88955-283-5 Northern Districts Industries, 1871: Index to Manuscript Census (#36 in series)

INTRODUCTION TO THE CANIND71 DATABASE

The CANIND71 database is a machine-readable version of the original manuscript information for more than 45,000 industrial establishments counted in the first Census of Canada in 1871. This new source provides a wealth of information for the four provinces enumerated in 1871 -- New Brunswick, Nova Scotia, Ontario and Quebec. The 1871 census was the first to be taken on a consistent basis for the four provinces. Although similar information was collected in the Canadian censuses of 1881, 1891, 1901 and 1911, the manuscript schedules for industry have not survived. The 1871 census manuscripts are thus the only systematic source for industrial activity that survives in such detail from the nineteenth century. Moreover, the 1871 schedules contain a great deal of information that was never published at the time.

In using the CANIND71 data, we should understand the definitions and procedures used by the 1871 census enumerators:³

- * Industrial businesses found by the census enumerators as they made their rounds in early April 1871 were included, and details were recorded of their operations during the preceding twelve months.

- * An industrial establishment was defined as "a place where one or several people are employed in manufacturing, altering, making up or changing from one shape into another, materials for sale, use or consumption, quite irrespectively of the amount of capital employed or of the products turned out" (p. 138). No minimum value of output was set, in contrast to the United States censuses in the same period, for which only establishments with at least \$500 worth were included.

- * All repairs, mending or custom work were understood to be industrial products. Thus the definition of industrial activity was considerably broader than it would be in the twentieth century.

- * Numbers of workers or "employés" were defined to be the average number of persons actually working in the industrial establishment during the 12-month reporting period, and could consist entirely of members of the proprietor's family. The industrial workforce was subdivided by age and gender into men, women, boys (males under 16 years) and girls (females under 16 years), but the amount of wages paid to each age-gender group of worker was not separately stated.

- * Industrial establishments were recorded in the geographical units -- District, Sub-District or Division -- in which they were found "and nowhere else. The principle is essential in every case. The production is attached to the locality" (p. 139).

- * In reporting custom work such as tailoring or work done on toll such as that of some grist mills or carding mills, enumerators were told to state the real value of raw materials, even if these amounts did not pass through the accounts of the proprietor.

³ "Manual Containing the Census Act and Instructions to Officers Employed in Taking of the First Census of Canada, 1871," Canada Sessional Papers No. 64 (1871). Quotations are from this source.

* Though enumerators could specify the types, quantities and values of individual raw materials and products for each establishment, it was foreseen that in most cases only the aggregate dollar values of raw materials and products would be stated.

* Values of fixed capital and floating capital invested in the industrial business were distinguished rather than merged, and the number of working months was specified.

Only a very limited amount of the information collected in Schedule 6 of the 1871 census was published in the official census volumes of the 1870s.⁴ The statistical tables published at the time used various industrial types that were defined pragmatically rather than systematically, and then listed in alphabetical order. For each industry type, whether as specialized as whip making or as ubiquitous as blacksmithing, figures were published for numbers of establishments, hands employed, yearly wages, value of raw materials and value of products in each of 206 Census Districts.

No industrial data at all were published for smaller areal units such as the Census Sub-Districts, either as summaries of total industrial activity or for specific types of industry. Thus the only 1871 industrial information published for urban centres was for the six cities, the boundaries of which exactly coincided with those of one or more Census Districts. These were Montreal, Toronto, Hamilton, Ottawa, London and Kingston. Some information collected by the enumerators was never compiled into published tables, notably for types and horse-power units of inanimate power, months of operation during the reporting period, and "floating" capital distinguished from "fixed" capital. The published totals also understated the real extent and value of industrial activity as these can now be reconstituted from the manuscript census schedules.⁵

Database Variables

The CANIND71 database has made machine-readable information about all the industrial firms counted in Canada's first national census. For each establishment, there are up to 125 variables. The firms were located in 206 Census Districts and over 1600 Census Sub-Districts in Ontario, Quebec, New Brunswick and Nova Scotia. All details recorded by the enumerators on the manuscript census schedules have been included as basic variables in the CANIND71 database. These are: name of proprietor, kind of industrial business, geographical location, use of non-manual forms of power, numbers of workers (distinguished into men, women, boys and girls), number of working months in the year, and the dollar amounts of fixed and floating capital invested, wages, raw materials and products, as well as kinds, quantities, units of measurement and values of individual raw materials and products, and additional remarks or comments.

In addition to the information transcribed from the census manuscripts, the CANIND71 database contains several variables derived by calculation or inference from the basic variables. These include the total values of raw materials or of products

⁴ Census of Canada 1871, volume III, Tables 28-55.

⁵ For a more detailed discussion of the 1871 Census procedures and a comparison of the published and manuscript data for industry in 1871, see Creating CANIND71: Procedures for Making the 1871 Census Machine-Readable (Research Report 4, 1989).

(when only details for component products or materials had been stated on the manuscript schedules), the value added (gross value of output less costs of raw materials when both these figures were reported), the total number of employees, and the average monthly wage per employee.

Geographical Organization

The original descriptions of geographical areas defined for the 1871 Census were researched to ensure that the codes and place names were entered accurately and consistently into the database. For ease in returning to the original schedules, we adopted the same code letters and numbers that were used in 1871 to describe the Census Districts, Census Sub-Districts and Census Enumerators' Divisions. The 206 Census Districts were intended to correspond with the Electoral Districts defined under the British North America Act 1867.⁶ Census Districts were divided into 1,701 Census Sub-Districts, which were intended to correspond with Municipal or other recognized divisions -- towns, villages, townships or city wards in Ontario, for example. The Census Sub-Districts were subdivided into nearly 3,000 Census Enumerators' Divisions, but these were defined for convenience of census-taking rather than to coincide with any other system of defining areas and no maps or written descriptions of these units have survived.⁷

Details of Census District name (with variable name CDISTRIC) and number (CDID), Census Sub-District name (CSD) and Census Enumerator's Division (CED) were coded for each manuscript record as it was entered into the CANIND71 database. Usually this information was written by the census enumerators on the manuscript schedules. But we had to standardize the names and codes for computer processing. We numbered the Census Districts in the same sequence from 001: Essex in southwest Ontario to 206: Richmond, Nova Scotia. Census district numbers in Ontario were prefaced with the letter O. We also adopted the same code letters and numbers that were used to describe the smaller Census Sub-Districts and Census Enumerators' Divisions in 1871. Municipal status was abbreviated as V-Village, T-Town (or Ville), C-City and Tp-Township. In the case of CSDs with the same principal name, they are distinguished by the directional abbreviations following the place name, such as N for North or Nord, S for South or Sud, E for East or Est, W for West.

Industrial Classification

The census enumerators used natural language to describe the kinds of establishment and industrial raw materials and products they encountered.⁸ In creating the CANIND71 database, we entered the enumerators' words into the computer record, but we also assigned standardized codes to each record to denote industry types and major groups more precisely and consistently. These codes are vital for analysis of the data.

⁶ Statutes of Canada, 33 Vict. 1870, Cap. 21, s. 4.

⁷ See G.T. Bloomfield, Boundaries of Canadian Census Units in 1871 (CANIND71 Research Report 10, 1990).

⁸ See Glossary of Industrial Language (CANIND71 Research Report 5, 1989) and French-English Dictionary of Industrial Language (CANIND71 Research Report 6, 1989).

Each record in the CANIND71 database has been assigned a code according to the 1970 Standard Industrial Classification Manual of the Canada Dominion Bureau of Statistics.⁹ Understandably, there were some problems in applying a 1970 classification to the conditions of a century earlier. Changes in technology have eliminated some industry types that were common in 1871. The more rudimentary level of economic and business organization in 1871 meant that many enterprises combined industrial activities that would typically be separated in specialized businesses by 1970. Repair of all kinds of goods and equipment was more integrally associated with manufacture in 1871.

The appropriate SIC code for each record was determined by study of both the stated kind of establishment and the actual products and raw materials reported in each case. Wherever possible, we chose the SIC code that best matched the actual outputs of the business as reported for the year ending March 31, 1871. The "kind of establishment" information alone could be quite misleading, as this term was sometimes an occupational label that did not really describe the actual products. For example, a business might be described very generally as a "foundry", which would rate a code of "294" only if its products were primarily iron castings. More typically, the products of so-called foundries in 1871 were fabricated metal products such as stoves (307-S) or general machinery (315) or agricultural implements (311). In another example, one who was by trade a blacksmith and so recorded in the "kind of establishment" column may have had opportunities to make all kinds of metal goods, often including carriages and wagons. If he made definite numbers of carriages or other items of transportation equipment, his business would be assigned the appropriate and more specific SIC code of "329" rather than "896" which would be assigned for a blacksmith engaged only in "country work and repairs".

We adapted the 1970 system to the 1871 context in two main ways. First, suffixes of hyphen and capital letter could be added to the basic 3-digit code to give greater specificity, a brewery (109-B) being distinguished from a distillery (109-D) for example. Second, an establishment that combined two or more products or services was given a compound SIC code, consisting of the two most important linked by a slash (/), so that a flour mill-cum-distillery is represented as "105/109-D".

These elaborations of the basic classification system resulted in a total list of over 700 specific codes that were used to describe the 45,070 firms in the four provinces in 1871. A few of these codes were shared by large numbers of establishments. Thus 5,254 blacksmiths were assigned the SIC code of "896", 5,088 saw mills had the basic code of "251", and 4,189 shoemakers were coded "174". Some 2,830 handloom weavers were given the code "182-W", 2,527 carriage and wagon makers were coded "329", and 2,098 flour mills share the code "105". Basic SIC codes assigned to at least 50 industrial establishments throughout Canada are listed in Table 1. At the other extreme, some significant enterprises had codes that were unique for Canada.

⁹ For a more detailed discussion of our use of SIC codes, see G.T. Bloomfield, Standard Industrial Classifications Applied to Historical Data (CANIND71 Research Report 7, 1989). The CANIND71 classification is based on Dominion Bureau of Statistics, Standard Industrial Classification Manual (Ottawa, 1970); for French-language equivalents we consulted Statistique Canada, Classification type des industries (Ottawa, 1990).

Table 1
STANDARD INDUSTRIAL CLASSIFICATION (1970) ADAPTED FOR 1871:
 short list of codes with at least 50 occurrences in CANIND71 database

101-P	Pork Curing/Packing	Salaison de porc
102	Fish Curing	Salaison de poisson
104	Cheese Factories	Fromageries
105	Flour/Grist Mill	Farine, Moulin à
105-O	Oatmeal Mill	Avoine, Moulin d'
107	Bakeries	Boulangeries
108-C	Confectionery	Confiserie
109-B	Brewery	Brasserie
109-S	Aerated Water	Eaux gazeuses
153	Tobacco Working	Tabac, Manufacture d
172	Tanneries	Tanneries
174	Boots/Shoes	Bottes/Souliers
179-S	Saddle/Harness Making	Selles]
182	Woolen Cloth Factories	Drap, Fabriques de
182-W	Weaver	Tisserand
189-W	Carding/Fulling Mills	Carder/fouler, Moulins à
239-K	Stockings/Mittens/Hand Knitter	Bas/Mitaines/Tricoteur
242	Clothing	Habillements
243	Tailors/Clothiers	Habillements pour hommes
246	Furrier/Hatter	Pelleterie/Chapellerie
249-M	Milliner	Modiste
251	Saw Mill	Moulin à scie
251-S	Shingle Making	Bardeaux, Confection de
254	Sashes/Doors/Blinds	Portes/Fenêtres
256	Basket Making	Vanneries
259	Wood Products, Misc	Produits de bois, divers
259-C	Cooperage	Tonnellerie
259-W	Wood Turning Establishments	Tours à bois
261	Cabinets/Furniture	Meublerie
286	Printing office	Imprimerie
287-B	Book Binding	Reliure
289	Printing/Publishing incl newspapers	Imprimerie/Publication de
294	Foundry/Castings	Fonderie/Fonte
304-T	Tinsmith	Ferblantier
306	Agricultural Hand Tools	Outils agricoles manuels
306-T	Axes	Haches
307-S	Stoves	Poêles
309	Metal Fabricating, Misc	Fabrication de métaux
311	Agricultural Implements	Instruments aratoires
315	Machinery, Misc	Machinerie/Équipement
315-H	Spinning Wheels	Rouets
315-P	Pumps	Pompes
327	Ship Yards	Navires, Construction de
327-M	Ship Material	Appareux de navire
328	Boat Building	Chaloupes, Construction
329	Carriage Making	Carrosserie
329-P	Wheels (* and other parts)	Roues
351-B	Brick/Tile Making	Briqueterie/Tuilerie
351-P	Pottery	Poterie
353	Stone/Marble Establishments	Marbrerie
358-L	Lime Kilns	Fours à chaux
365	Oil Refineries	Épuration de l'huile
374	Drugs	Drogues
376	Soap/Candle Making	Savonneries/Chandelleries
378-P	Pot/Pearl Asheries	Potasseries
392	Jeweler/Watchmaker	Bijoutier/Horloger
421-C	Carpenter/Joiner (buildings)	Charpentier (bâtiments)
421-D	Painter/Glazier	Peintre en bâtiments
893	Photographic galleries	Photographies
896	Blacksmithing	Forges

The SIC codes were generalized into the 26 Major Industry Groups (or SECs) that were also coded for each record (Table 2). This table also reflects the inclusion by the 1871 census enumerators of a wider range of industrial activities and processes than would be defined as manufacturing industry today. Eighty-six per cent of the establishments are classified in the Major Group 5 for Manufacturing Industry, with SIC codes between 101 and 399, accounting for 95 per cent of the total value of industrial output in 1871.

Table 2
**STANDARD INDUSTRIAL CLASSIFICATION:
MAJOR GROUPS AND SIC CODES**

Major Group SEC	SIC codes
Division 1 Agricultural Services	021-029
Division 2 Forestry	031-039
Division 3 Fishing	041-049
Division 4 Mines, Salt Wells etc	051-099
Division 5 Manufacturing Industries	
5.01 Food and Beverages	101-109
5.02 Tobacco Products	151-159
5.04 Leather Industries	171-179
5.05 Textile Industries	181-189
5.06 Knitting Mills	231-239
5.07 Clothing Industries	241-249
5.08 Wood Industries	251-259
5.09 Furniture Industries	261-269
5.10 Paper Industries	271-279
5.11 Printing and Publishing	281-289
5.12 Primary Metal Industries	291-299
5.13 Metal Fabricating	301-309
5.14 Machinery Industries	311-319
5.15 Transportation Equipment	321-329
5.17 Non-metallic Minerals	351-359
5.18 Petroleum & Coal Products	361-369
5.19 Chemical Industries	371-379
5.20 Miscellaneous Manufactg	391-399
Division 6 Construction Industry	401-499
Division 7 Gas and Water Utilities	572-579
Division 8 Trade (incl repair)	601-699
Division 10 Personal/business services	861-899

Using the SIC and geographical codes, data for individual establishments can be aggregated in all sorts of ways. In the sample records and tables presented in this report, we use the same variable names as in the CANIND71 database. They are explained in Table 3.

Table 3
VARIABLE NAMES IN CANIND71 DATABASE

Abbreviated code names for variables in the CANIND71 database are used in various tables in this report. A brief explanation of each code name follows:

AVWAGE:	Average monthly wage per worker in a firm, place or type of industry.
CDID:	Census district number used in 1871 census.
CDISTRIC:	Census district name used in 1871 census.
CED:	Census enumerator's division, a small part of a census district.
COMMENTS:	Additional remarks or comments for a firm entered in manuscript schedule.
EMPBOY:	Boys (males under 16 years) employed in industrial activity.
EMPGIRL:	Girls employed (females under 16 years) in industrial activity.
EMPMEN:	Men (males over 16 years) employed in industrial activity.
EMPWOM:	Women (females over 16 years) employed in industrial activity.
FIXCAP:	Value of fixed capital reported by proprietors.
FLOCAP:	Value of floating or working capital reported by proprietors.
FORCE:	Units (in "horse power" equivalents) of non-manual power reported by proprietors.
MONTH:	Number of working months in year.
OBSERV:	Observation, unit or record in a database; in the case of CANIND71 means individual industrial establishment.
PROD1:	Named type of product, first to Nth, as numbered.
PROPRIOR:	Name of proprietor as stated in census schedules.
PQUANT1:	Quantity of named product, first to Nth, as numbered.
PUNIT1:	Unit of measurement of named product, first to Nth, as numbered.
PVALUE1:	Value of named product, first to Nth, as numbered.
RAWMAT1:	Named type of raw material, first to Nth, as numbered.
RQUANT1:	Quantity of named raw material, first to Nth, as numbered.
RUNIT1:	Unit of measurement of named raw material, first to Nth, as numbered.
RVALUE1:	Value of named raw material, first to Nth, as numbered.
SEC:	Major industry group, derived from combinations of SIC codes.
SIC:	Standard Industrial Classification.
SUMPROC:	Value of industrial production (\$).
SUMRAWC:	Value of raw materials used in industry (\$).
TOTEMP:	Total number of employees, the sum of EMPMEN, EMPWOM, EMPBOY and EMPGIRL.
TYPEEST:	Type of establishment as stated by enumerator in census schedules.
TYPEPOW:	Type of power reported: steam, water, horse, W/S (water/steam).
VADD:	Value added in manufacturing (\$) = production \$ - raw materials \$.
WAGES:	Wages paid to industrial workers (\$).

ACKNOWLEDGEMENTS

Between 1982 and 1990, the CANIND71 Project based in the Department of Geography of the University of Guelph, computerized the full data for some 45,000 industrial establishments that were enumerated in Canada's first national census in 1871. We appreciate the shelter and support provided to the project by the Department of Geography. Creation and documentation of the CANIND71 database were substantially assisted by several grants from the Social Sciences and Humanities Research Council of Canada between 1985 and 1989. The most substantial of these were Grants 482-87-0010 and 482-88-0010 to Elizabeth Bloomfield as principal investigator. In a new phase of the project, computer method, led by Gerald Bloomfield and supported by SSHRCC funds, computer methods of mapping the historical data are being developed.

The interest and support of all who have assisted with this project are gratefully acknowledged. Janine Grant, Barbara Sibley, Jane Turner, Jane Darch and Stephen Bellinger worked for the project for significant periods, and the quality of the final database owes much to their careful and thorough work. Peter McCaskell, first as programmer-analyst in the Department of Geography and then from the University's Computing Services, played an essential role in database management and programming through all phases of the project. Mario Finoro, chief technician of the Department of Geography, has assisted in the acquisition, setting up and maintenance of the equipment. The computer maps in this series are the work of Larry Laliberté, while the graphs of industrial structure were produced in final form by Marie Puddister.

Elizabeth and Gerald Bloomfield

CARLETON COUNTY INDUSTRIES, 1871

Carleton County was more industrialized than most other parts of the province, its mean value of industrial production per capita (\$100.02) being well above the mean for Ontario (\$74.00). The average number of employees per industrial establishment was 7.4 in Carleton compared with 4.4 in Ontario as a whole, and the mean value of output per establishment was also significantly higher -- \$9,812. compared with \$5,516. The county's economic landscape combined very substantial wood-based industries along the Ottawa and Rideau River waterways, some farm-based processing and rural services, and various forms of manufacturing related to Ottawa's urban and special capital functions.¹⁰

Census and Municipal Units

Census Districts were defined to match federal electoral districts rather than counties in 1871. However, the component Sub-Districts matched the smaller municipal units of townships, towns, villages or city wards. Carleton County was divided among the three Census Districts of part of Russell (two townships and the village of New Edinburgh). Ottawa City (in five wards), and Carleton (eight townships and the village of Richmond). The Census Sub-Districts of Carleton County are shown in Figure 1 and their basic statistics of area (sq mls), population (pop), industrial establishments (est) and industrial employees (empl) are set out in Table 4.

While most industrial enterprises -- and the largest -- were located in incorporated urban centres industry was also dispersed in smaller central places scattered through the rural areas. The census manuscript schedules do not specify location in such smaller, unincorporated places, but it can be useful when comparing the census data with information from other sources to know which hamlets and villages were included in particular Census Sub-Districts (Table 5).¹¹ The only unincorporated place in this list with more than 500 people in 1871 was LeBreton Flats, in Nepean Township adjacent to the Ottawa city boundary, with a population of about 2,000.

¹⁰ A full bibliography of the historical development of industry in Ottawa-Carleton cannot be given here, but items relevant to the period are:

Bond, C.C.J., City on the Ottawa: a detailed historical guide (Ottawa: Queen's Printer, 1961).

Elliott, Bruce S., The city beyond: a history of Nepean, birthplace of Canada's capital (Nepean: City of Nepean, 1991).

Taylor, John H., Ottawa: an illustrated history (Toronto: James Lorimer, 1986).

Walker, Harry J.W. and Olive Walker, Carleton saga (Ottawa: Carleton County Council, 1968).

The information contained in this report about proprietors of industrial establishments in 1871 may be related to the valuable index of all household heads provided in Index to the 1871 Census of Ontario: Ottawa-Carleton (Toronto: Ontario Genealogical Society, 1988).

¹¹ For a more detailed discussion of the location of smaller villages and hamlets in relation to the 1871 Census units, see G.T. Bloomfield, Ontario Central Places in 1871: A Gazetteer Compiled from Contemporary Sources (CANIND71 Research Report 13, 1990).

Table 4
CARLETON COUNTY: CENSUS DISTRICTS AND SUB-DISTRICTS, 1871

			sq mls	pop	est	empl
** CENSUS DISTRICT 76: RUSSELL						
O076	E	GLOUCESTER TOWNSHIP	139.55	4785	25	71
O076	F	NEW EDINBURGH VILLAGE	0.39	596	5	83
O076	G	OSGOODE TOWNSHIP	145.31	4267	41	76
** CENSUS DISTRICT 77: OTTAWA CITY						
O077	A	WELLINGTON WARD	0.98	4039	48	556
O077	B	VICTORIA WARD	0.35	3156	28	1336
O077	C	ST GEORGE WARD	0.78	3474	53	583
O077	D	BY WARD	0.31	5138	92	604
O077	E	OTTAWA WARD	0.32	5738	22	145
** CENSUS DISTRICT 78: CARLETON						
O078	A	NEPEAN TOWNSHIP	104.46	5069	40	133
O078	B	GOWER NORTH TOWNSHIP	54.69	2532	24	69
O078	C	MARLBOROUGH TOWNSHIP	102.00	2260	9	18
O078	D	GOULBURN TOWNSHIP	102.18	3234	31	58
O078	E	RICHMOND VILLAGE	2.47	487	16	33
O078	F	MARCH TOWNSHIP	44.06	1347	9	16
O078	G	HUNTLEY TOWNSHIP	97.81	2634	42	70
O078	H	TORBOLTON TOWNSHIP	41.40	751	4	6
O078	I	FITZROY TOWNSHIP	97.89	3425	45	98

Location and Distribution

A large share of Carleton County's industrial activity was concentrated in Ottawa and the adjoining industrial village of New Edinburgh (population 596) which accounted for two in five of the county's people but more than four in every five of its industrial workers and 86 per cent of its gross value of industrial production. Of Ottawa's total population of 21,545 in 1871, 3,224 or just under 15 per cent were employed in industrial mills, factories or workshops. Among the rural townships, North Gower, Nepean and Fitzroy had the best industrial statistics.

Ottawa and New Edinburgh may be compared with other urban centres of Ontario as to their industrial status in 1871. Though very different in size and other characteristics, both combined slightly below-average industrial employment activity with specialized industrial structures. Ottawa, surprisingly for a large, capital city had 42 per cent of its industrial workers in the wood processing sector, while seven in ten of New Edinburgh's workers were employed in the woollen mill that dominated the village. They differed significantly from other cities and large towns such as Toronto, Hamilton, St Catharines and Peterborough which combined above-average industrial employment with diversified industrial structures not dominated by any particular sector or enterprise. Or from Dundas, Brantford, Guelph, Brockville, Galt, Oshawa, Ingersoll and Paris which were specialized in particular sectors as well as highly industrialized.¹²

¹² For analysis of the urban concentration of industry and of differences between specific urban centres, see Elizabeth Bloomfield and G.T. Bloomfield, The Ontario Urban System at the Onset of the Industrial Era (CANIND71 Research Report 3, 1989).

Table 5: CARLETON COUNTY: CENTRAL PLACES, 1871

<u>Place</u>	<u>Population</u>	<u>Township</u>	<u>CSD</u>	<u>Sources</u>	<u>Lat.</u>	<u>Long.</u>
ANTRIM	130	Fitzroy	78I	D L P	45 22	76 13
ASHTON	250	Goulburn	78D	D L P	45 09	76 02
<i>on boundary with Beckwith Tp, Lanark Co</i> BELL'S CORNERS	100	Nepean	78A	D L M	45 19	75 50
BILLINGSBRIDGE	100	Gloucester	76E	D L P	45 23	75 41
<i>also spelled Billing's Bridge; formerly Farmer's Bridge (C2)</i> CARP	150	Huntley	78G	L P	45 21	76 02
CARSONBY	175	Gower N	78B	L P	45 11	75 43
CUMMINGS' BRIDGE	.	Gloucester	76E	D	45 26	75 40
DIAMOND	150	Fitzroy	78I	P	45 23	76 09
DUNROBIN	100	Torbolton	78H	L P	45 25	76 01
<i>formerly Torbolton</i> FITZROY HARBOR	300	Fitzroy	78I	D L P	45 28	76 13
GLOUCESTER STATION	50	Gloucester	76E	L	45 21	75 38
<i>also known as Cunningham Station</i> HAZELDEAN	100	Goulburn	78D	L P	45 18	75 53
HUBBELL'S FALLS	100	Fitzroy	78I	D L P	45 26	76 16
HUNTLEY	50	Huntley	78G	D L P	45 18	75 58
KARS	150	Gower N	78B	L P	45 09	75 39
<i>also known as Wellington</i> KENMORE	125	Osgoode	76G	D L P	45 14	75 25
KILMAURS	100	Torbolton	78H	L P	45 28	76 07
KINBURN 2	100	Fitzroy	78I	D L P	45 23	76 11
LE BRETON FLATS	2000	Nepean	78A	L	45 25	75 43
LONG ISLAND LOCKS	350	Gloucester	76E	D L P	45 15	75 40
MALAKOFF	100	Marlborough	78C	L P	45 06	75 46
<i>also known as Peirce's Corners (L)</i> MANOTICK	200	Gower N	78B	D L P	45 13	75 41
<i>on boundary with Osgoode, Nepean and Gloucester Tp</i> MARATHON	60	Fitzroy	78I	D L P	45 21	76 08
<i>on boundary with Huntley Tp</i> MARCH	70	March	78F	D L P	45 23	75 57
MERIVALE	.	Nepean	78A	P	45 19	75 43
METCALFE	350	Osgoode	76G	D L	45 14	75 28
MOHR'S CORNERS	.	Fitzroy	78I	D	45 25	76 15
MUNSTER	50	Goulburn	78D	L P	45 10	75 56
NEW EDINBURGH	596	New Edinburgh V	76F	D L M	45 26	75 41
NORTH GOWER	250	Gower N	78B	D L M	45 08	75 43
ORLEANS	80	Gloucester	76E	L P	45 28	75 31
OSGOODE	50	Osgoode	76G	D L M	45 08	75 36

OTTAWA	21545	Ottawa C	77	D L B	45 25	75 42
PANMURE	100	Fitzroy	78I	L P	45 19	76 11
POWELL	.	Huntley	78G	P	45 16	76 08
RICHMOND 2	487	Richmond V	78E	D L M	45 11	75 50
SOUTH GLOUCESTER	60	Gloucester	76E	L P	45 17	75 34
SOUTH MARCH	100	March	78F	L P	45 21	75 56
STITTSVILLE	100	Goulburn	78D	D L P	45 15	75 55
TAYLORHOLME	50	Gloucester	76E	L P	45 23	75 34
VERNON	30	Osgoode	76G	D L P	45 10	75 28
WELLINGTON 2	.	Gower N	78B	D M	45 09	75 39
WEST HUNTLEY	90	Huntley	78G	L P	45 16	76 05
WEST OSGOODE	150	Osgoode	76G	D L P	45 10	75 34

Note: Lat = Latitude; Long. = Longitude.

Three primary sources were used to generate this list of places for 1871:

R.G. Dun and Co.'s Mercantile Agency Reference Book (D);

Lovell's Canadian Dominion Directory for 1871 (L);

Canadian Almanac and Repository of Useful Knowledge 1871 (P for ordinary post office, M for post office that could issue money orders, B for post office with savings bank function).

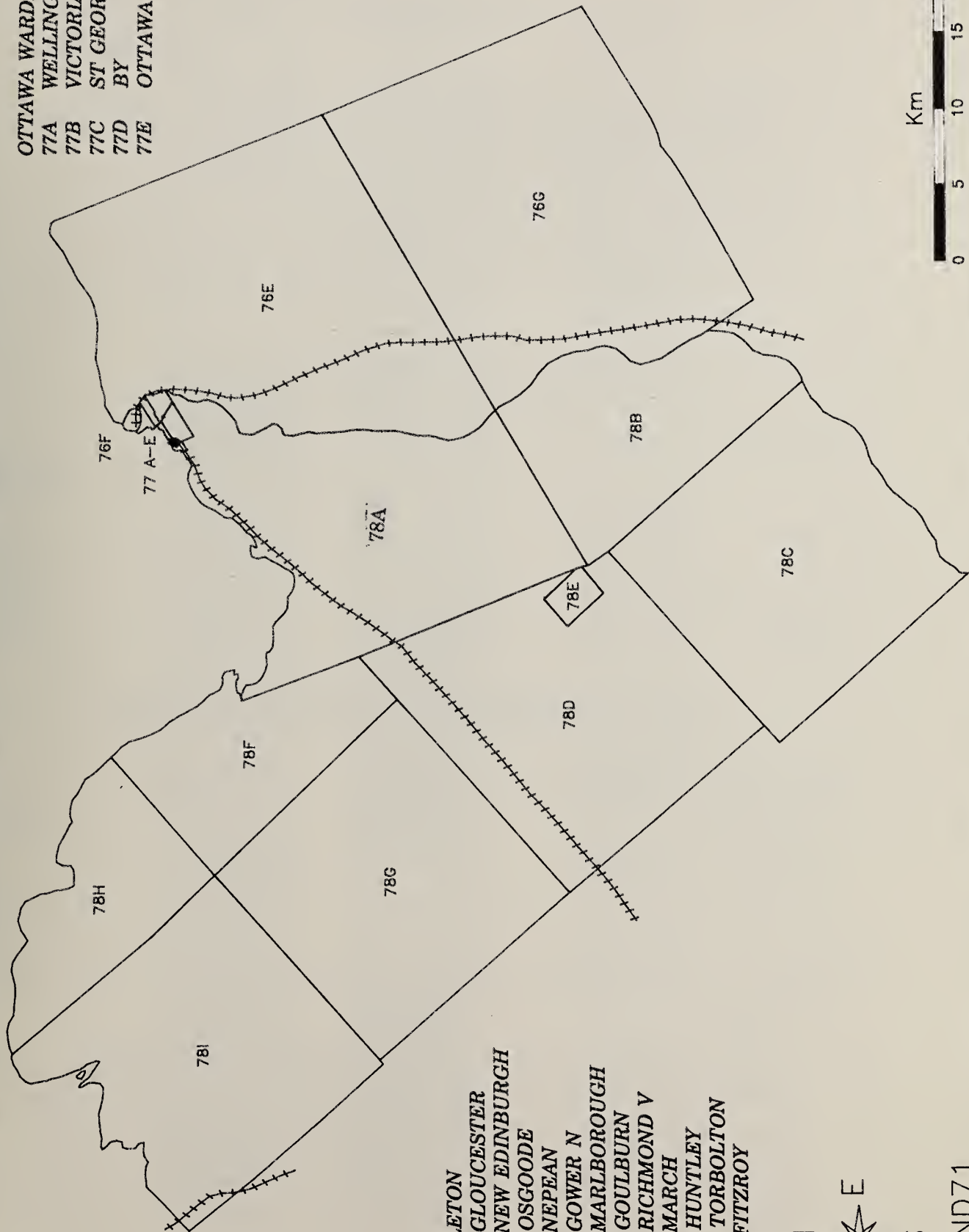
Industry Types

Using the Standard Industrial Classification (SIC) code of each record and the more generalized Major Industry Group (SEC), it is possible to describe and compare the industrial structures of places from whole provinces to local townships and villages. In coding all the industrial establishments of Carleton County, 64 different basic SIC codes (including suffixes, but trimming compounds) are used, evidence of a diversified range of industry types. In all of Ontario, a total of 172 such codes are used, and 196 in all of Canada.

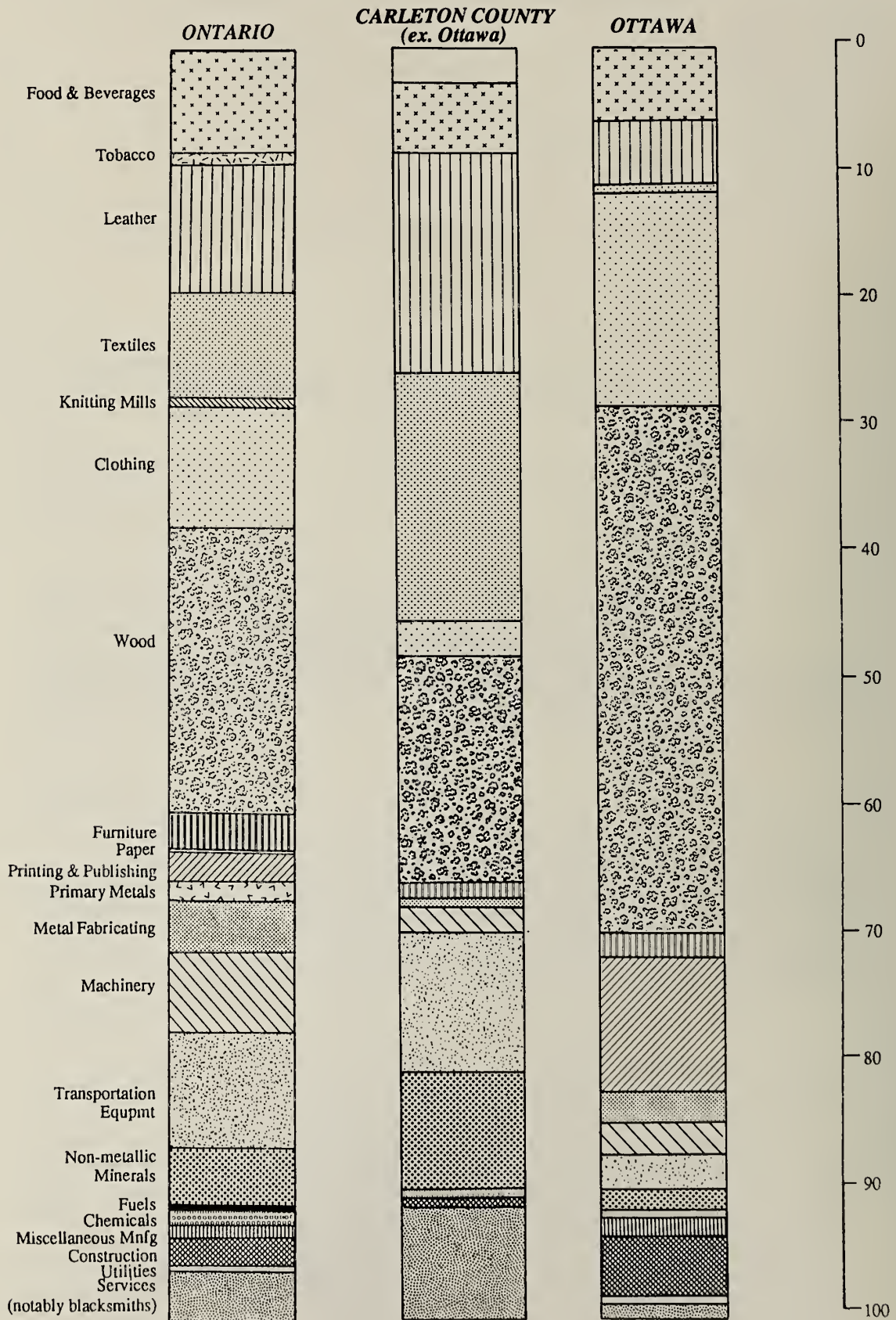
The industrial structures of Carleton County (excluding Ottawa), Ottawa and the whole province, based on employment in major industry groups, are represented in Figure 2. The unshaded section at the top of the county bar refers to mineral extraction. Some of the differences in industrial structure between the city and remainder of the county reflect general urban-rural contrasts of the period. Textile mills (and other cloth production) were typically located in rural areas and small villages, while the making of clothing was concentrated in urban places. Construction activity was also more intensive in the larger towns and cities, while blacksmiths were more typical in the countryside than in the towns. Leather goods, textiles, non-metallic minerals, and blacksmithing were sectors which in Carleton County (outside Ottawa) employed at least 1.5 times their share in Ontario as a whole. Strong sectors in Ottawa were clothing, wood processing, printing and publishing, and construction; the city's metal and machinery sectors were weak when compared with other towns and cities of the period.

CARLETON COUNTY WITH OTTAWA

OTTAWA WARDS
 77A WELLINGTON
 77B VICTORIA
 77C ST GEORGE
 77D BY
 77E OTTAWA



COMPARATIVE INDUSTRIAL STRUCTURES: Percentages Employed in Major Industry Groups (SECs)



Size of Establishment

Most of Carleton County's industrial establishments were small craftshops -- blacksmiths, tinsmiths, bakers, saddlers, shoemakers, tailors, milliners, weavers and knitters, coopers, carpenters, carriage and wagon makers. The mean number of employees in each establishment in Carleton was 6.1 (for Ontario as a whole it was 4.4). Nearly three in four workplaces in Carleton County had five or fewer workers, a smaller percentage than the 87 per cent in Ontario generally. Middle-sized and especially large employers were more important in Carleton than in Ontario as a whole (Table 5). Ten businesses in Carleton County (nine in Ottawa and one in New Edinburgh) employed over 50 workers each, four of these reporting 200 or more employees.

Table 6
6a. ONTARIO INDUSTRIAL ESTABLISHMENTS, 1871
BY FIRM SIZE OR NUMBERS OF EMPLOYEES PER FIRM

Firm size # employees	Establishments % total	Employment % total	Production % total	Value Added % total
<u>small</u>				
1	33.5	4.5	2.7	3.8
2 - 5	40.6	14.6	29.9	25.7
<u>medium</u>				
6 - 50	14.1	40.1	44.2	44.6
<u>large</u>				
51+	0.8	22.4	19.8	23.5
TOTALS	100.0	100.0	100.0	100.0

6b: CARLETON COUNTY INDUSTRIAL ESTABLISHMENTS, 1871
BY FIRM SIZE OR NUMBERS OF EMPLOYEES PER FIRM

Firm size # employees	Establishments % total	Employment % total	Production % total	Value Added % total
<u>small</u>				
1	33.5	4.5	2.7	3.8
2 - 5	40.6	10.1	15.8	14.5
<u>medium</u>				
6 - 25	21.7	32.2	37.4	38.6
26 - 50	2.2	14.6	8.1	11.3
<u>large</u>				
51+	1.9	38.6	36.0	31.8
TOTALS	100.0	100.0	100.0	100.0

Many industrial establishments had small values of production as well: one in five of Carleton County's units produced \$500 worth or less of industrial output (a smaller proportion, however, than the Ontario mean of 26 per cent. At the other extreme, the 18 enterprises reporting at least \$50,000 worth of output formed only 3.4 per cent of all establishments in Carleton County but accounted for 53 per cent of the total value of production. The full manuscript details for the 44 Carleton County enterprises that reported either more than 25 employees or output of at least \$25,000 are reproduced here as sample records. They include six grain mills, four bakeries, one tannery, one saddlery, one woollen mill, ten clothing establishments, seven sawmills, a planing mill, five printerries, a tinsmith, two machine shops, a wagonmaker, a plumbing contractor, two builders and gas utility.

CANIND71 SAMPLE RECORDS

16

proprior: MCCLEMONT W & CO	typeest: FLOUR/OATMEAL MILL	refnum: 20162
cdid: 0076 ced: F	cdistric: RUSSELL	csd: NEW EDINBURGH V
sec: 5.01 sic: 105/105-0	month: 12	prop:
fixcap: 40000 floccap: 10000	typepow: WATER	force: 75
empmen: 10 empwom: .	empboy: .	empgirl: .
totemp: 10 wages: 2500	avwage: 20.83 per worker/month	
sumrawc: 100000	sumproc: 150000	vadd: 50000
rawmat1: GRAIN runit1: BU	rquant1: 100000	rvalue1: 100000
prod1: FLOUR/MEAL punit1: BBL	pquant1: 24000	pvalue1: 150000
comments: FLOATING CAPITAL VARIES FROM \$1000 TO \$20000		

proprior: DICKISON M K	typeest: FLOUR/GRIST MILL	refnum: 20506
cdid: 0078 ced: B-2	cdistric: CARLETON	csd: GOWER N
sec: 5.01 sic: 105	month: 12	prop:
fixcap: 15000 floccap: 5000	typepow: WATER	force: 60
empmen: 3 empwom: .	empboy: .	empgirl: .
totemp: 3 wages: 1000	avwage: 27.78 per worker/month	
sumrawc: 115000	sumproc: 120000	vadd: 5000
rawmat1: GRAIN,WHEAT runit1: BU	rquant1: 60000	rvalue1: 75000
rawmat2: GRAIN,COARSE runit2: BU	rquant2: 50000	rvalue2: 40000
prod1: FLOUR punit1: BBL	pquant1: 12000	pvalue1: 78000
prod2: PROVENDER punit2: CWT	pquant2: 20000	pvalue2: 42000

proprior: MCDONALD ALEXANDER	typeest: GRIST MILL	refnum: 20629
cdid: 0078 ced: I-1	cdistric: CARLETON	csd: FITZROY
sec: 5.01 sic: 105	month: 12	prop:
fixcap: 2000 floccap: 1250	typepow: WATER	force: 40
empmen: 3 empwom: .	empboy: .	empgirl: .
totemp: 3 wages: 800	avwage: 22.22 per worker/month	
sumrawc: 28250	sumproc: 31370	vadd: 3120
rawmat1: GRAIN,WHEAT,OAT/PEAS runit1:	rquant1: 30000	rvalue1: 28250
prod1: FLOUR/OATS,GROUND/PEAS punit1: BBL	pquant1: 6000	pvalue1: 31370

proprior: MCKAY THOMAS	typeest: FLOUR/OATMEAL MILL	refnum: 20275
cdid: 0077 ced: B-2	cdistric: OTTAWA	csd: VICTORIA
sec: 5.01 sic: 105/105-0	month: 12	prop:
fixcap: 40000 floccap: 30000	typepow: WATER	force: 40
empmen: 16 empwom: .	empboy: .	empgirl: .
totemp: 16 wages: 5000	avwage: 26.04 per worker/month	
sumrawc: 178880	sumproc: 194854	vadd: 15974
rawmat1: GRAIN,WHEAT runit1: BU	rquant1: 116027	rvalue1: .
rawmat2: GRAIN,OAT runit2: BU	rquant2: 41230	rvalue2: .
rawmat3: PEAS runit3: BU	rquant3: 14043	rvalue3: .
rawmat4: GRAIN,CORN runit4: BU	rquant4: 15047	rvalue4: .
rawmat5: GRAIN,OAT runit5: BU	rquant5: 24783	rvalue5: .
prod1: FLOUR punit1: BBL	pquant1: 29802	pvalue1: 133307
prod2: OATMEAL punit2: BBL	pquant2: 3721	pvalue2: 16547
prod3: PROVENDER/OFFAL punit3:	pquant3: 2527800	pvalue3: 45000
comments: RAW MATERIAL - WHEAT VALUED AT \$122715, OATS AT \$14315, AND COMBINED VALUE OF PEAS/CORN/OATS \$41850		

proprior: YOUNG & BRONSON & CO	typeest: FLOUR MILL	refnum: 20280
cdid: 0077 ced: B-2	cdistric: OTTAWA	csd: VICTORIA
sec: 5.01 sic: 105	month: 12	prop:
fixcap: 20000 floccap: 6000	typepow: WATER	force: 100
empmen: 6 empwom: .	empboy: .	empgirl: .
totemp: 6 wages: 3000	avwage: 41.67 per worker/month	
sumrawc: 118500	sumproc: 130000	vadd: 11500
rawmat1: GRAIN,WHEAT runit1: BU	rquant1: 100000	rvalue1: .
rawmat2: GRAIN,OAT runit2: BU	rquant2: 10000	rvalue2: .
rawmat3: GRAIN,CORN,BUCKWHEAT,BARLEY/PEAS	runit3: BU rquant3: 5000	rvalue3: .
prod1: FLOUR punit1: BBL	pquant1: 20000	pvalue1: 120000
prod2: PROVENDER/OFFAL punit2: BBL	pquant2: 370000	pvalue2: 10000
comments: RAW MATERIAL - WHEAT VALUED AT \$110000, OATS AT \$5000, CORN/PEAS/BUCKWHEAT/BARLEY AT \$3500		

CANIND71 SAMPLE RECORDS

proprior: MORRISON WILLIAM	typeest: FLOUR MILL	refnum: 20281
cdid: 0077 ced: B-2	cdistrict: OTTAWA	csd: VICTORIA
sec: 5.01 sic: 105	month: 12	prop: force: 30
fixcap: 30000 floccap: 13000	typepow: WATER	empgirl: .
empmen: 4 empwom: .	empboy: .	
totemp: 4 wages: 1200	avwage: 25.00 per worker/month	
sumrawc: 71000	sumproc: 74000	vadd: 3000
rawmat1: GRAIN,WHEAT runit1: BU	rquant1: 50000	rvalue1: 57500
rawmat2: GRAIN,OAT runit2: BU	rquant2: 20000	rvalue2: 10000
rawmat3: GRAIN,CORN/PRAS runit3: BU	rquant3: 5000	rvalue3: 3500
prod1: FLOUR punit1: BBL	pquant1: 10000	pvalue1: 60000
prod2: PROVENDER/OFFAL punit2: LB	pquant2: 710000	pvalue2: 14000
proprior: JAMIESON WILLIAM	typeest: BAKER	refnum: 20253
cdid: 0077 ced: A-2	cdistrict: OTTAWA	csd: WELLINGTON
sec: 5.01 sic: 107	month: 12	prop: force: .
fixcap: 250 floccap: 1200	typepow: .	empgirl: .
empmen: 6 empwom: .	empboy: .	
totemp: 6 wages: 2400	avwage: 33.33 per worker/month	
sumrawc: 30000	sumproc: 40000	vadd: 10000
rawmat1: FLOUR runit1: BBL	rquant1: 5000	rvalue1: 30000
prod1: BREAD punit1: .	pquant1: .	pvalue1: 40000
proprior: WARNOCK JAMES	typeest: BOULANGER, B	refnum: 20416
cdid: 0077 ced: D-2	cdistrict: OTTAWA	csd: BY
sec: 5.01 sic: 107	month: 12	prop: force: .
fixcap: 8600 floccap: 600	typepow: .	empgirl: .
empmen: 15 empwom: .	empboy: .	
totemp: 15 wages: 5500	avwage: 30.56 per worker/month	
sumrawc: 30000	sumproc: 37500	vadd: 7500
rawmat1: FLEUR DE BLE/AUTRE FLEUR runit1: QUART	rquant1: 319000	rvalue1: 30000
prod1: PAIN punit1: .	pquant1: 314000	pvalue1: .
prod2: BISCUITS/CRACKERS punit2: BOITE	pquant2: 3140	pvalue2: .
proprior: PRUDICK WILLIAM	typeest: CONFISER, B	refnum: 20411
cdid: 0077 ced: D-2	cdistrict: OTTAWA	csd: BY
sec: 5.01 sic: 108-C	month: 12	prop: force: .
fixcap: 4400 floccap: 700	typepow: .	empgirl: .
empmen: 7 empwom: .	empboy: 2	
totemp: 9 wages: 2000	avwage: 18.52 per worker/month	
sumrawc: 36400	sumproc: 40000	vadd: 3600
rawmat1: SUCRE/FLEUR/BEURRE/OUFES/EPICES	rquant1: .	rvalue1: 36400
prod1: SUCRE CANDI/CRACKERS	pquant1: .	pvalue1: 40000
proprior: ILLIFFE THOMAS	typeest: BOULANGERIE	refnum: 20428
cdid: 0077 ced: E-1	cdistrict: OTTAWA	csd: OTTAWA
sec: 5.01 sic: 107	month: 12	prop: force: .
fixcap: 1500 floccap: 3500	typepow: .	empgirl: .
empmen: 10 empwom: .	empboy: .	
totemp: 10 wages: 3432	avwage: 28.60 per worker/month	
sumrawc: 26208	sumproc: 41640	vadd: 15432
rawmat1: FARINE runit1: BBL	rquant1: 4368	rvalue1: 26208
prod1: PAIN/BISCUITS punit1: .	pquant1: .	pvalue1: 41640
proprior: GERMAIN EDMOND	typeest: TANNEUR, B	refnum: 20351
cdid: 0077 ced: D-1	cdistrict: OTTAWA	csd: BY
sec: 5.04 sic: 172	month: 12	prop: force: 6
fixcap: 3000 floccap: 4000	typepow: STRAM	empgirl: .
empmen: 6 empwom: .	empboy: 1	
totemp: 7 wages: 3500	avwage: 41.67 per worker/month	
sumrawc: 15500	sumproc: 26000	vadd: 10500
rawmat1: PEAUX CRUES/HUILE runit1: .	rquant1: .	rvalue1: 15500
prod1: CUIR punit1: LB	pquant1: 87000	pvalue1: 26000
proprior: .	typeest: SADDLERY/HARNESS PCY	refnum: 20298
cdid: 0077 ced: C-1	cdistrict: OTTAWA	csd: ST GEORGE
sec: 5.04 sic: 179-S/179-T	month: 12	prop: force: .
fixcap: 300 floccap: 20000	typepow: .	empgirl: .
empmen: 26 empwom: .	empboy: .	
totemp: 26 wages: 7800	avwage: 25.00 per worker/month	
sumrawc: 25000	sumproc: 50000	vadd: 25000
rawmat1: LEATHER/TRIMMINGS runit1: .	rquant1: .	rvalue1: 25000
prod1: HARNESSSES/SADDLES/TRUNKS/BLANKETS	pquant1: .	pvalue1: 50000
proprior: BLACKBURN PETER & MCLAREN JAMES	typeest: WOOLEN FACTORY	refnum: 20163
cdid: 0076 ced: F	cdistrict: RUSSELL	csd: NEW EDINBURGH V
sec: 5.05 sic: 182	month: 12	prop: force: 200
fixcap: 35000 floccap: 50000	typepow: WATER	empgirl: 2
empmen: 22 empwom: 31	empboy: 3	
totemp: 58 wages: 14400	avwage: 20.69 per worker/month	
sumrawc: 60000	sumproc: 80000	vadd: 20000
rawmat1: WOOL runit1: LB	rquant1: 218400	rvalue1: 60000
prod1: CLOTH,TWEED punit1: YD	pquant1: 144000	pvalue1: 80000

CANIND71 SAMPLE RECORDS

proprior: HOLBROOK GEORGE M	typeest: TAILORING EST	refnum: 20215
cdid: 0077 ced: A-1	cdistric: OTTAWA	csd: WELLINGTON
sec: 5.07 sic: 243	month: 12	prop: .
fixcap: 1000 flocap: 1500	typepow: .	force: .
empmen: 5 empwom: 20	empboy: 1	empgirl: .
totemp: 26 wages: 3000	avwage: 9.62 per worker/month	vadd: 10000
sumrawc: 10000	sumproc: 20000	rvalue: 10000
rawmatl: CLOTH,SILK,VELVET,OTHER/THREAD	rquantl: .	pvalue: 20000
prodl: COATS/PANTS/VESTS	pquantl: .	
proprior: O'MEARA & CO ?	typeest: TAILORING EST	refnum: 20226
cdid: 0077 ced: A-1	cdistric: OTTAWA	csd: WELLINGTON
sec: 5.07 sic: 243	month: 12	prop: .
fixcap: 500 flocap: 1000	typepow: .	force: .
empmen: 3 empwom: 40	empboy: .	empgirl: .
totemp: 43 wages: 2400	avwage: 4.65 per worker/month	vadd: 8000
sumrawc: 12000	sumproc: 20000	rvalue: 12000
rawmatl: CLOTH,SILK,VELVET,COTTON,OTHER/THREAD	rquantl: .	pvalue: 20000
prodl: COATS/PANTS/VESTS	pquantl: .	
proprior: MULLIN BERNARD	typeest: TAILORING EST	refnum: 20264
cdid: 0077 ced: B-2	cdistric: OTTAWA	csd: VICTORIA
sec: 5.07 sic: 242	month: 12	prop: .
fixcap: 6000 flocap: 1500	typepow: .	force: .
empmen: 2 empwom: 23	empboy: .	empgirl: .
totemp: 25 wages: 5000	avwage: 16.67 per worker/month	vadd: 6000
sumrawc: 25000	sumproc: 31000	rvalue: 25000
rawmatl: CLOTH,COTTON,OTHER runitl:	rquantl: .	pvalue: 31000
prodl: CLOTHING punitl:	pquantl: .	
proprior: LATREMOUILLE OCTAVE	typeest: TAILLEUR, B	refnum: 20378
cdid: 0077 ced: D-1	cdistric: OTTAWA	csd: BY
sec: 5.07 sic: 243	month: 12	prop: .
fixcap: 200 flocap: 800	typepow: .	force: .
empmen: 1 empwom: 30	empboy: .	empgirl: 4
totemp: 35 wages: 4800	avwage: 11.43 per worker/month	vadd: 8000
sumrawc: 10000	sumproc: 18000	rvalue: 10000
rawmatl: ETOFFES ASSORTIES runitl:	rquantl: .	pvalue: 18000
prodl: HABITS/PANTALONS/VESTES	pquantl: .	
proprior: STORY THOMAS & CO	typeest: MARCHANT TAILLEUR	refnum: 20406
cdid: 0077 ced: D-2	cdistric: OTTAWA	csd: BY
sec: 5.07 sic: 242	month: 12	prop: .
fixcap: 1000 flocap: 400	typepow: .	force: .
empmen: 12 empwom: 10	empboy: 1	empgirl: .
totemp: 23 wages: 5600	avwage: 20.29 per worker/month	vadd: 11000
sumrawc: 14000	sumproc: 25000	rvalue: 14000
rawmatl: DRAP/FLANELLE/SOIE/COTONNAGE	rquantl: .	pvalue: 25000
prodl: HARDES ASSORTIS punitl:	pquantl: .	
proprior: CALDWELL FRANCIS	typeest: MARCHANT TAILLEUR	refnum: 20407
cdid: 0077 ced: D-2	cdistric: OTTAWA	csd: BY
sec: 5.07 sic: 242	month: 12	prop: .
fixcap: 2000 flocap: 400	typepow: .	force: .
empmen: 6 empwom: 30	empboy: .	empgirl: .
totemp: 36 wages: 5800	avwage: 13.43 per worker/month	vadd: 7000
sumrawc: 14000	sumproc: 21000	rvalue: 14000
rawmatl: DRAP/FLANELLE/SOIE/COTON	rquantl: .	pvalue: 21000
prodl: HARDES ASSORTIS	pquantl: .	
proprior: CHEVRIER NOE & EPHREM	typeest: MARCHANT TAILLEUR, B	refnum: 20414
cdid: 0077 ced: D-2	cdistric: OTTAWA	csd: BY
sec: 5.07 sic: 242	month: 12	prop: .
fixcap: 500 flocap: 400	typepow: .	force: .
empmen: 6 empwom: 10	empboy: .	empgirl: .
totemp: 16 wages: 2500	avwage: 13.02 per worker/month	vadd: 6000
sumrawc: 20000	sumproc: 26000	rvalue: 20000
rawmatl: DRAP/ETOFFE/SOIERIE runitl:	rquantl: .	pvalue: 26000
prodl: HARDES ASSORTIS punitl:	pquantl: .	
proprior: CALDWELL FRANCIS	typeest: MARCHANT TAILLEUR, B	refnum: 20419
cdid: 0077 ced: D-2	cdistric: OTTAWA	csd: BY
sec: 5.07 sic: 242	month: 12	prop: .
fixcap: 2000 flocap: 500	typepow: .	force: .
empmen: 6 empwom: 30	empboy: .	empgirl: .
totemp: 36 wages: 5800	avwage: 13.43 per worker/month	vadd: 7000
sumrawc: 14000	sumproc: 21000	rvalue: 14000
rawmatl: DRAP/FLANELLE/ETOFFE/SOIE	rquantl: .	pvalue: 21000
prodl: HARDES ASSORTIS	pquantl: .	

proprior: STORY THOMAS CANIND71 SAMPLE RECORDS est: MARCHANT TAILLEUR, B refnum: 20420
 cddid: 0077 ced: D-2 cdistrict: OTTAWA csd: BY
 sec: 5.07 sic: 242 month: 12 prop:
 fixcap: 1000 floccap: 400 typepow: force:
 empmen: 12 empwom: 10 empboy: 1 empgirl:
 totemp: 23 wages: 5600 avwage: 20.29 per worker/month
 sumrawc: 16000 sumproc: 25000 vadd: 9000
 rawmat1: DRAP/FLANELLE/ETOFFE/SOIERIE rquant1: . rvalue1: 16000
 prod1: HARDES ASSORTIS pquant1: . pvalue1: 25000

proprior: EAGLESON P A & P I ? typeest: MARCHANT TAILLEUR refnum: 20423
 cddid: 0077 ced: D-2 cdistrict: OTTAWA csd: BY
 sec: 5.07 sic: 242 month: 12 prop:
 fixcap: 1000 floccap: 500 typepow: force:
 empmen: 6 empwom: 15 empboy: . empgirl:
 totemp: 21 wages: 5370 avwage: 21.31 per worker/month
 sumrawc: 25000 sumproc: 36000 vadd: 11000
 rawmat1: DRAP/ETOFFE/FLANELLE/SOIE rquant1: . rvalue1: 25000
 prod1: HARDES ASSORTIS pquant1: . pvalue1: 36000

proprior: BRONSON & WESTON typeest: SAW MILL refnum: 20272
 cddid: 0077 ced: B-2 cdistrict: OTTAWA csd: VICTORIA
 sec: 5.08 sic: 251 month: 6 prop:
 fixcap: 350000 floccap: 150000 typepow: WATER force: 2500
 empmen: 300 empwom: . empboy: . empgirl:
 totemp: 300 wages: 70000 avwage: 38.89 per worker/month
 sumrawc: 240000 sumproc: 360000 vadd: 120000
 rawmat1: LOGS runit1: rquant1: 150000 rvalue1: 240000
 prod1: LUMBER puni1: FT BM pquant1: 30000 pvalue1: 360000

proprior: BOOTH JAMES R typeest: SAW MILL refnum: 20273
 cddid: 0077 ced: B-2 cdistrict: OTTAWA csd: VICTORIA
 sec: 5.08 sic: 251 month: 6 prop:
 fixcap: 400000 floccap: 300000 typepow: WATER force: 250
 empmen: 200 empwom: . empboy: . empgirl:
 totemp: 200 wages: 60000 avwage: 50.00 per worker/month
 sumrawc: 180000 sumproc: 250000 vadd: 70000
 rawmat1: LOGS runit1: rquant1: 100000 rvalue1: 180000
 prod1: LUMBER puni1: FT BM pquant1: 20000 pvalue1: 250000

proprior: YOUNG LEVI typeest: SAW MILL refnum: 20276
 cddid: 0077 ced: B-2 cdistrict: OTTAWA csd: VICTORIA
 sec: 5.08 sic: 251 month: 6 prop:
 fixcap: 100000 floccap: 100000 typepow: WATER force: 100
 empmen: 100 empwom: . empboy: . empgirl:
 totemp: 100 wages: 20000 avwage: 33.33 per worker/month
 sumrawc: 150000 sumproc: 182000 vadd: 32000
 rawmat1: LOGS runit1: rquant1: 80000 rvalue1: 150000
 prod1: LUMBER puni1: FT BM pquant1: 16000 pvalue1: 182000

proprior: PERLEY & PATTER typeest: SAW MILL refnum: 20279
 cddid: 0077 ced: B-2 cdistrict: OTTAWA csd: VICTORIA
 sec: 5.08 sic: 251 month: 6 prop:
 fixcap: 150000 floccap: 300000 typepow: WATER force: 500
 empmen: 250 empwom: . empboy: . empgirl:
 totemp: 250 wages: 70000 avwage: 46.67 per worker/month
 sumrawc: 240000 sumproc: 330000 vadd: 90000
 rawmat1: LOGS runit1: rquant1: 150000 rvalue1: 240000
 prod1: LUMBER puni1: FT BM pquant1: 30000 pvalue1: 330000

proprior: BALDWIN A H typeest: SAW MILL refnum: 20282
 cddid: 0077 ced: B-2 cdistrict: OTTAWA csd: VICTORIA
 sec: 5.08 sic: 251 month: 6 prop:
 fixcap: 90000 floccap: 200000 typepow: WATER force: 250
 empmen: 274 empwom: . empboy: . empgirl:
 totemp: 274 wages: 50000 avwage: 30.41 per worker/month
 sumrawc: 180000 sumproc: 276000 vadd: 96000
 rawmat1: LOGS runit1: rquant1: 120000 rvalue1: 180000
 prod1: LUMBER puni1: FT BM pquant1: 23000000 pvalue1: 276000

proprior: SKEAD HON JAMES typeest: SAW MILL refnum: 20468
 cddid: 0078 ced: A-3 cdistrict: CARLETON csd: NEPEAN
 sec: 5.08 sic: 251/251-S month: 7 prop:
 fixcap: 42500 floccap: 25000 typepow: STEAM force: 85
 empmen: 30 empwom: . empboy: . empgirl:
 totemp: 30 wages: 8000 avwage: 38.10 per worker/month
 sumrawc: 45000 sumproc: 90000 vadd: 45000
 rawmat1: LOGS, PINE, RED, WHITE runit1: rquant1: 12000 rvalue1: .
 rawmat2: TIMBER, LONG runit2: CU FT rquant2: 500000 rvalue2: .
 rawmat3: LOGS runit3: rquant3: 20000 rvalue3: .
 prod1: LUMBER/PLANKS/BOARDS puni1: FT BM pquant1: 7000000 pvalue1: .
 prod2: LATH puni2: pquant2: 50000 pvalue2: .
 prod3: SHINGLES puni3: pquant3: 500000 pvalue3: .
 comments: MILL LATELY CONSTRUCTED AND ESTIMATE BASED UPON OPERATIONS OF PRESENT YEAR

CANIND71 SAMPLE RECORDS

proprior: MCLAREN J & CO	typeest: SAW MILL	refnum: 20438
cdid: 0077 ced: R-2	cdistric: OTTANA	csd: OTTANA
sec: 5.08 sic: 251	month: 12	prop: 100
fixcap: 40000 flocap: 65000	typepow: WATER	force: 100
empmen: 50 empwom: .	empboy: 3	empgirl: .
totemp: 53 wages: 18000	avwage: 28.30 per worker/month	vadd: 70000
sumrawc: 80000	sumproc: 150000	rvalue1: 80000
rawmat1: LOGS runit1: .	rquant1: 80000	pvalue1: 150000
prod1: LUMBER, ASSORTED punit1: FT BM	pquant1: 13000000	
proprior: CURRIER T M & CO	typeest: SASH/BLIND/DOOR MF	refnum: 20320
cdid: 0077 ced: C-1	cdistric: OTTANA	csd: ST GEORGE
sec: 5.08 sic: 254	month: 12	prop: 50
fixcap: 35000 flocap: 15000	typepow: STEAM	force: 50
empmen: 70 empwom: .	empboy: .	empgirl: .
totemp: 70 wages: 32000	avwage: 38.10 per worker/month	vadd: 35000
sumrawc: 50000	sumproc: 85000	rvalue1: 50000
rawmat1: LUMBER runit1: FT	rquant1: 4500000	pvalue1: .
prod1: DOORS punit1: .	pquant1: 30000	pvalue2: .
prod2: SASHES punit2: PR	pquant2: 5000	pvalue3: .
prod3: MOULDINGS punit3: PR	pquant3: 3000000	pvalue4: .
prod4: BLINDS punit4: PR	pquant4: 1000	pvalue5: .
prod5: LUMBER, PLANED/SUNDRIES	pquant5: .	
comments: PRODUCTS - DOORS \$45000, SASHES \$20000, MOULDINGS/BLINDS \$5000, PLANED LUMBER AT \$10000, SUNDRIES AT \$5000		
proprior: MORTIMER ALEXANDER	typeest: BOOK BINDING EST	refnum: 20295
cdid: 0077 ced: C-1	cdistric: OTTANA	csd: ST GEORGE
sec: 5.11 sic: 287-B	month: 12	prop: .
fixcap: 4000 flocap: 3000	typepow: .	force: .
empmen: 12 empwom: 23	empboy: 2	empgirl: 1
totemp: 38 wages: 7800	avwage: 17.11 per worker/month	vadd: 9720
sumrawc: 5000	sumproc: 14720	rvalue1: 5000
rawmat1: MILLBOARD/LEATHER/CLOTH, BOOKBINDING	rquant1: .	pvalue1: 14720
prod1: BOOKS punit1: .	pquant1: .	
proprior: MITCHELL CHARLES W	typeest: PRINTING EST	refnum: 20214
cdid: 0077 ced: A-1	cdistric: OTTANA	csd: WELLINGTON
sec: 5.11 sic: 289	month: 12	prop: 10
fixcap: 10000 flocap: 5000	typepow: STEAM	force: 10
empmen: 20 empwom: .	empboy: .	empgirl: .
totemp: 20 wages: 16000	avwage: 66.67 per worker/month	vadd: 20000
sumrawc: 5000	sumproc: 25000	rvalue1: 5000
rawmat1: TYPE/INK/PAPER runit1: .	rquant1: .	pvalue1: 25000
prod1: GENERAL PRINTING punit1: .	pquant1: .	
comments: FREE PRESS		
proprior: SMILLIE BOURNE & CO	typeest: BANK NOTE COMPANY	refnum: 20246
cdid: 0077 ced: A-2	cdistric: OTTANA	csd: WELLINGTON
sec: 5.11 sic: 286-B	month: 12	prop: .
fixcap: 100000 flocap: 50000	typepow: .	force: .
empmen: 40 empwom: 34	empboy: 4	empgirl: 4
totemp: 82 wages: 35000	avwage: 35.57 per worker/month	vadd: 40000
sumrawc: 20000	sumproc: 60000	rvalue1: 20000
rawmat1: INK, PRINTERS/PAPER/STEEL/OIL/COLOURS	rquant1: .	pvalue1: 60000
prod1: BANK NOTES/BANK POSTAGE STAMPS/BILL HEADS	pquant1: .	
proprior: TAYLOR ISAAC B	typeest: PRINTING EST	refnum: 20322
cdid: 0077 ced: C-1	cdistric: OTTANA	csd: ST GEORGE
sec: 5.11 sic: 289	month: 12	prop: 25
fixcap: 50000 flocap: 5000	typepow: STEAM	force: 25
empmen: 130 empwom: .	empboy: 10	empgirl: .
totemp: 140 wages: 50000	avwage: 29.76 per worker/month	vadd: 73397
sumrawc: 40000	sumproc: 113397	rvalue1: 40000
rawmat1: PAPER runit1: REAM	rquant1: 10000	pvalue1: 113397
prod1: BOOKS/BLANK FORMS punit1: .	pquant1: .	
comments: THE CITIZEN OFFICE; QUANTITIES CANNOT BE ACCURATELY ESTIMATED		
proprior: OTTANA TIMES PRINTING AND PUBLISHING COMPANY	typeest: PRINTER EST	refnum: 20238
cdid: 0077 ced: A-1	cdistric: OTTANA	csd: WELLINGTON
sec: 5.11 sic: 289	month: 12	prop: 10
fixcap: 40000 flocap: 40000	typepow: STEAM	force: 10
empmen: 40 empwom: .	empboy: 2	empgirl: .
totemp: 42 wages: 31600	avwage: 62.70 per worker/month	vadd: 39700
sumrawc: 20300	sumproc: 60000	rvalue1: 20000
rawmat1: PAPER runit1: REAM	rquant1: 4000	rvalue2: 200
rawmat2: CARDS runit2: .	rquant2: 100000	rvalue3: 100
rawmat3: ROLLERS/COMPOSITION runit3: .	rquant3: 200	pvalue1: 60000
prod1: BOOKS/NEWSPAPERS/JOB PRINTING	pquant1: .	

CANIND71 SAMPLE RECORDS

proprior: GERMAIN NAZAIRE	typeest: FERRBLANTIER, B	refnum: 20397
cdid: 0077 ced: D-2	cdistric: OTTAWA	csd: BY
sec: 5.13 sic: 304-T	month: 12	prop: .
fixcap: 6000 floccap: 500	typepow: .	force: .
empmen: 10 empwom: .	empboy: .	empgirl: .
totemp: 10 wages: 4360	avwage: 36.33 per worker/month	
sumrawc: 20000	sumproc: 30000	vadd: 10000
rawmat1: FER-BLANC/TOLE GALVANISE/PIL DE FER/CUIVRE/ETAINE	pquant1: .	rvalue1: 20000
prod1: VAISSEAUX DE FER-BLANC, CUIVRE		pvalue1: 30000
proprior: FLECK ALEXANDER	typeest: FOUNDRY/MACHINE SHOP	refnum: 20252
cdid: 0077 ced: A-2	cdistric: OTTAWA	csd: WELLINGTON
sec: 5.14 sic: 315	month: 12	prop: .
fixcap: 20000 floccap: 6500	typepow: STRAM	force: 20
empmen: 25 empwom: .	empboy: 1	empgirl: .
totemp: 26 wages: 8870	avwage: 28.43 per worker/month	
sumrawc: 10000	sumproc: 31500	vadd: 21500
rawmat1: IRON/STEEL/BRASS runit1: Q	rquant1: 4500	rvalue1: 10000
prod1: MACHINERY/REPAIRS punit1: .	pquant1: .	pvalue1: 31500
proprior: BLASDRILL S S & CO	typeest: FOUNDRY/MACHINE SHOP	refnum: 20267
cdid: 0077 ced: B-2	cdistric: OTTAWA	csd: VICTORIA
sec: 5.14 sic: 315	month: 12	prop: .
fixcap: 35000 floccap: 40000	typepow: WATER	force: 60
empmen: 31 empwom: .	empboy: 1	empgirl: .
totemp: 32 wages: 13700	avwage: 35.68 per worker/month	
sumrawc: 10852	sumproc: 44000	vadd: 33148
rawmat1: IRON,WROUGHT runit1: TON	rquant1: 105	rvalue1: 6057
rawmat2: IRON,PIG runit2: TON	rquant2: 150	rvalue2: 3300
rawmat3: COAL runit3: TON	rquant3: 150	rvalue3: 1495
prod1: MILL MACHINERY punit1: .	pquant1: .	pvalue1: 44000
proprior: DUHAMEL LOUIS	typeest: VOITURIER, E	refnum: 20359
cdid: 0077 ced: D-1	cdistric: OTTAWA	csd: BY
sec: 5.15 sic: 329	month: 12	prop: .
fixcap: 4000 floccap: 1000	typepow: .	force: .
empmen: 18 empwom: .	empboy: .	empgirl: .
totemp: 18 wages: 5200	avwage: 24.07 per worker/month	
sumrawc: 15000	sumproc: 35000	vadd: 20000
rawmat1: BOIS ASSORTIS/FER/PRINTURE	rquant1: .	rvalue1: 15000
prod1: VOITURES/REPARAGES	pquant1: .	pvalue1: 35000
proprior: BLYTH & KERR	typeest: PLUMBER/GASFITTER/STRAMPITTER	refnum: 20299
cdid: 0077 ced: C-1	cdistric: OTTAWA	csd: ST GEORGE
sec: 6 sic: 421-P	month: 12	prop: .
fixcap: 1500 floccap: 8000	typepow: .	force: .
empmen: 15 empwom: .	empboy: 4	empgirl: .
totemp: 19 wages: 5000	avwage: 21.93 per worker/month	
sumrawc: 17000	sumproc: 27500	vadd: 10500
rawmat1: LEAD,SHEET/BRASS/COPPER/TIN/IRON/PIPES,ASSORTED/HARDWARE		rvalue1: 17000
prod1: PIPES,STEAM,GAS/HEATING APPARATUS/ROOFING		pvalue1: 27500
proprior: STEWART & STOCKAND	typeest: CONTRACTING BUILDER	refnum: 20330
cdid: 0077 ced: C-2	cdistric: OTTAWA	csd: ST GEORGE
sec: 6 sic: 421-S	month: 12	prop: .
fixcap: 2000 floccap: 6000	typepow: .	force: .
empmen: 25 empwom: .	empboy: .	empgirl: .
totemp: 25 wages: 12000	avwage: 40.00 per worker/month	
sumrawc: 20000	sumproc: 40000	vadd: 20000
rawmat1: STONE/BRICKS/WOOD/HARDWARE		rvalue1: 20000
prod1: BUILDINGS		pvalue1: 40000
proprior: KELLY JOHN	typeest: BATISSE, B	refnum: 20401
cdid: 0077 ced: D-2	cdistric: OTTAWA	csd: BY
sec: 6 sic: 421-S	month: 12	prop: .
fixcap: 700 floccap: 500	typepow: .	force: .
empmen: 30 empwom: .	empboy: .	empgirl: .
totemp: 30 wages: 13500	avwage: 37.50 per worker/month	
sumrawc: 20000	sumproc: 36000	vadd: 16000
rawmat1: PIERRE IMPORTEE, GRISE, NEPEAN/CHAUX/BRICKS/SABLE/BOIS/HUILLE		rvalue1: 20000
rawmat2: COLLE FORTE runit2: .	rquant2: .	rvalue2: .
prod1: MAISONS DE PIERRE, BRIQUES, BOIS/OUVRAGES ASSORTIS		pvalue1: 36000
comments: M KELLY FAIT REMARQUE QUE LES CONTRACTS FAIT L'ANNEE DERNIERE NE PEUVENT ETRE REMPLIS CET RTE AVEC AUCUN AVANTAGE UNIQUE SUR LES ANNEES EST DE 100 POUR-CENT SUR L'ANNEE DERNIERE		
proprior: GAS COMPANY MCGILIVRAY ED	typeest: GAZ	refnum: 20386
cdid: 0077 ced: D-2	cdistric: OTTAWA	csd: BY
sec: 7 sic: 574	month: 12	prop: .
fixcap: 100000 floccap: 25000	typepow: .	force: .
empmen: 14 empwom: .	empboy: .	empgirl: .
totemp: 14 wages: 6000	avwage: 35.71 per worker/month	
sumrawc: 11200	sumproc: 30000	vadd: 18800
rawmat1: CHARBON runit1: TON	rquant1: 1600	rvalue1: 11200
prod1: GAZ punit1: ?	pquant1: 770000	pvalue1: 30000

Six Ottawa milling enterprises ranked among the top one per cent of Canadian industrial businesses in 1871, calculated as those in the top one per cent of Canadian firms in all four measures of number of employees, value of fixed capital investment, gross value of production and value added in manufacturing.¹³ They were the firms of Bronson and Weston (with 300 employees and output of \$360,000), A.H. Baldwin (274 employed and \$276,000 output), Perley and Pattee (250 workers and \$330,000), James R. Booth (200 workers and \$250,000), Levi Young (100 employees and \$182,000), and J. McLaren (53 workers and \$150,000). T.M. Currier's planing mill which made sashes, doors and blinds for the construction industry, also ranked among Canada's industrial leaders in 1871, as did Isaac B. Taylor's printing business which published The Citizen. In addition, there were three large firms each employing at least 50 workers and twelve with between 26 and 50 employees.

Power Technology

Twenty-six per cent of the industrial firms in Carleton County in April 1871 reported using water or steam power, a little higher than the share in Ontario generally. Such firms were disproportionately important in employment, investment and production. Water-and steam-powered enterprises employed just under half the county's industrial workers, and reported 78 per cent of the value of fixed capital invested in industry and 60 per cent of the gross output.¹⁴

Water-power was very important in Carleton County, which ranked first among Ontario counties for the capacity of its waterwheels and for the value of industrial output supported by water-power. Waterwheels supported nearly half the total industrial output in Carleton County, compared with a provincial mean of 29 per cent. Steam-engines powered only a little over one-tenth of the county's industrial production. Ottawa itself was unusual as a city in depending on water-power for its large enterprises. However, as in other cities and large towns, Ottawa also had a wide range on craftshops using hand power only. Carleton County ranked fourth among Ontario counties, after York, Middlesex and Wentworth for the value of industrial output supported by manual labour unassisted by waterwheels or steam engines.

Table A-5 lists the 29 enterprises that reported at least 25 horse-power (hp) of water- or steam-power. Only five of these used steam engines. The very large capacities of several Ottawa sawmills may be noted.

Work Environments

The CANIND71 database provides a snapshot of the transition from artisanal craftshops to factories using machinery and integrated work processes. A useful concept in understanding this transition is the work environment, which combines measures of the size of the workplace with the extent to which non-manual power was used in the industrial process. A basic distinction is made drawn between workplaces with no inanimate power (represented on the left side of the diagram) and workplaces powered

¹³ See Elizabeth Bloomfield and G.T. Bloomfield, Patterns of Canadian Industry in 1871: An Overview Based on the First Census of Canada (CANIND71 Research Report 12, 1990).

¹⁴ See G.T. Bloomfield, Water Wheels and Steam Engines: Powered Establishments of Ontario (CANIND71 Research Report 2, 1989).

by water or steam (right side). Work environments are further categorized as to the size of their workforces, producing four size classes: 1-5 workers, 6-25 workers, 26-50 workers, and 51 or more workers. Powered establishments with at least 26 workers are called **factories**, while **manufactories** are non-powered workplaces with at least 26 workers. Smaller powered establishments are called **mills** if they had from 6 to 25 workers, **powered craftshops** if they had 5 or fewer workers.

Workplaces using only hand or horse power are called **artisans' craftshops** if they employed 5 or fewer. Slightly larger craftshops, without water or steam power and employing between 6 and 25 workers, have been called **sweatshops** in the context of a large city. **Outworkers**, who toiled at home under the putting-out system, would be included with the artisans' craftshops, from which it is hard to distinguish them on census manuscript evidence alone.¹⁵ We should note that the terms used to describe the eight types of work environment do not really match contemporary usage in 1871, when factories, manufactories and shops were generic terms used interchangeably for all sizes of establishment. Our transcription of the natural language used by the census enumerators allows readers to note this terminology in the (TYPEEST) Type of Establishment data in the Appendix tables of this report.

		USE OF POWER			
		non-powered (hand/horse only)		powered by water or steam	
SIZE OF WORKFORCE	51+	MANUFACTORIES (larger)		FACTORIES (larger)	51+
	26-50	MANUFACTORIES (smaller)		FACTORIES (smaller)	26-50
	6-25	SWEATSHOPS and larger CRAFTSHOPS		MILLS	6-25
	1-5	ARTISANS' CRAFTSHOPS		POWERED WORKSHOPS, smaller MILLS	1-5
		non-powered (hand/horse only)		powered by water or steam	

¹⁵ For more discussion of this concept see Patterns of Canadian Industry in 1871 (Report 12) and Elizabeth Bloomfield and G.T. Bloomfield, Canadian Women in Workshops, Mills and Factories: The Evidence of the 1871 Census Manuscripts (CANIND71 Research Report 11, 1991).

Table 7
DISTRIBUTION OF WORKERS IN WORK ENVIRONMENTS, 1871

Work Environment (# employees)	Rural Ontario	Urban Ontario	Urban Carleton County	Rural Carleton County
Non-Powered	%	%	%	%
Artisans (1-5 emp)	45.4	17.8	9.6	60.3
Sweatshops (6-25 emp)	5.8	20.2	26.5	12.7
Manufactories (26-50 emp)	0.3	4.8	8.1	-
Manufactories (>51 emp)	0.5	5.5	2.5	-
Sub-Total	52.0	48.3	46.7	73.0
Powered				
Small (1-5 emp)	15.8	3.2	0.4	8.8
Medium (6-25 emp)	19.6	13.0	6.6	13.3
Factories (26-50 emp)	5.4	8.3	3.0	4.9
Factories (>51 emp)	7.2	27.2	43.3	-
Sub-Total	48.0	51.7	63.3	27.0
TOTAL	100.0	100.0	100.0	100.0

How significant were the various work environments in Carleton County in 1871? Table 7 summarizes the proportions of workers employed in the eight basic types of workplace, for the urban centres (Ottawa, New Edinburgh and Richmond) and for the remainder of rural Carleton County, in relation to the proportions for all of urban Ontario and all of rural Ontario. Urban workplaces in Carleton County were larger and depended much more on inanimate power than the county's rural workplaces or workplaces in other parts of Ontario. By contrast, three of every five rural industrial workers in the county were in small artisanal craftshops, with five or fewer workers and no inanimate power. Compared with all Ontario urban centres, Ottawa had much a higher proportion of its workers in larger, powered workplaces. Over 43 per cent of Carleton's urban workers, compared with 27 per cent of urban workers in Ontario as a whole, laboured in large factories with over 50 employees. This proportion in large factories was exceeded in other large cities, such as Hamilton with 47 per cent, Montreal with 45 per cent and Toronto with 43 per cent.

Women and girls made up 15 per cent of Carleton County's industrial workforce, a higher proportion than the Ontario mean of 14 per cent, but lower than the share in several large cities such as Montreal (34 per cent), Quebec City (27 per cent) or Toronto (24 per cent). But the proportions were higher in Ottawa's By Ward (35 per cent) and Wellington Ward (30 per cent). Table A-6 lists the 61 establishments that reported at least two female workers in 1871. Typically, most were urban: 52 of the businesses listed and nine in ten of all female industrial workers in the county were in Ottawa or New Edinburgh. Most workplaces with at least two female workers were also relatively small, and few (only two woollen mills) used inanimate power. Most women and girls were counted in clothing shops (46) with a few textile producers, and some more unusual industry types such as a banknote printery and other printing and bookbinding establishments.

Appendix Tables

This county report presents several kinds of tabulations which are briefly introduced here. In understanding the abbreviated code names of database variables, users are referred to Table 3 on page 7, for the Standard Industrial Classification codes to Table 1 on page 5, and for the Major Industry Groups to Table 2 on page 6. Ottawa is distinguished from the rest of Carleton County in Tables A-2 and A-7/8.

Table A-1: Carleton County: Geographical Summary of Firms, 1871

Summary data for each Census Sub-District (CSD), including horse-power units of non-manual power, value of fixed and floating capital, numbers of employees (men, women, boys, girls and total), annual wages paid, costs of raw materials, gross value of production, value added in manufacturing, and number of establishments. Data are totalled for each Census District (or part thereof) in the county, and totalled for the whole county. See Figure 1 for a map of CSDs and pp. 9-12 for discussion.

Table A-2: Carleton County and Ottawa: Industrial Structures, 1871 Summary data for each Major Industry Group, of establishments, horse-power units, value of fixed capital, total employment, gross value of production, and value added in manufacturing. See Figure 2 for diagrammatic representations for the employment structure by Major Industry Groups of Carleton County, Ottawa and all of Ontario.

Table A-3: Basic SIC codes for Carleton County, 1871 Summary data for each Standard Industrial Classification type (including code suffixes but trimming compounds). For discussion of SIC types, see pp. 4-5 and p. 12.

Table A-4: Listings of Individual Establishments, Ranked by Value of Output, for Various SIC Types, 1871

Data for pork butchers; grain mills; bakeries; beverage makers; tanneries; saddlers; bootmakers; textile producers; clothing producers; sawmills and wood products; printing and publishing; metals and machinery producers; carriage and wagon shops; builders and contractors; brick, marble and lime works; and blacksmiths.

Table A-5: Carleton County: Firms Using Inanimate Power, 1871 Data for individual establishments reporting at least 25 horse-power units of water or steam power, ranked by horse-power units.

Table A-6: Carleton County: Firms Employing at least Two Females in 1871 Data for individual establishments, ranked by number of women and girls employed. Note use of FEMALE variable (total number of women and girls employed) variable.

Table A-7: Carleton County excl. Ottawa: Firms by Name of Proprietor, 1871 Data for individual establishments in alphabetical order of proprietor's name.

Table A-8: Ottawa: Firms by Name of Proprietor, 1871 Data for individual establishments in alphabetical order of proprietor's name.

Table A-9: Other Urban Centres: Firms by Name of Proprietor, 1871 Data for individual establishments in alphabetical order of proprietor's name. New Edinburgh, Richmond

CARLETON INCL. OTTAWA: GEOGRAPHICAL SUMMARY OF FIRMS, 1871

CDID	CED	CSD	FORCE	FIXCAP	FLOCAP	EMP MEN	EMP WOM	EMP BOY	EMP GIRL	TOTEMP	WAGES	SUMRAWC	SUMPROC	VADD	OBSERV
O076	E	GLOUCESTER	2	11337	10325	68	2	1	.	71	17130	11166	39690	28524	25
O076	F	NEW EDINBURG	295	77800	64070	42	31	8	2	83	21050	163180	240750	77570	5
O076	G	OSGOODE	290	17922	14360	62	11	3	.	76	13498	27611	63181	35570	41
O076			587	107059	88755	172	44	12	2	230	51678	201957	343621	141664	71
O077	A	WELLINGTON	96	264980	165812	341	171	36	8	556	182919	239512	597600	354088	48
O077	B	VICTORIA	4132	1282775	1169300	1297	29	10	.	1336	343358	1450132	1994958	544826	28
O077	C	ST GEORGE	105	126857	98540	478	61	38	6	583	176741	282607	593622	311015	53
O077	D	BY	6	181308	54481	350	217	26	11	604	155817	485250	783045	297795	92
O077	E	OTTAWA	150	65060	110870	126	12	7	.	145	46152	170848	295174	124326	22
O077			4489	1920980	1599003	2592	490	117	25	3224	904987	2628349	4264399	1632050	243
O078	A	NEPEAN	151	76403	52995	120	4	9	.	133	25656	79022	172204	93182	40
O078	B	GOWER N	100	39160	20008	57	9	1	2	69	18500	151676	205800	54124	24
O078	C	MARLBOROUGH	30	9402	4075	14	1	3	.	18	2720	5340	10845	5505	9
O078	D	GOULBURN	17	9560	10190	57	1	.	.	58	13570	14730	38110	23380	31
O078	E	RICHMOND V	20	7050	5900	28	4	1	.	33	9585	11996	31172	19176	16
O078	F	MARCH	2	6750	2510	14	.	2	.	16	3200	5492	13057	7565	9
O078	G	HUNTLEY	.	7280	7502	48	17	5	.	70	13043	21543	44075	22532	42
O078	H	TORBOLTON	.	220	110	5	.	.	1	6	930	1243	3485	2242	4
O078	I	FITZROY	195	29880	15072	92	4	2	.	98	16341	81619	112685	31066	45
O078			515	185705	118362	435	40	23	3	501	103545	372661	631433	258772	220
O078			5591	2213744	1806120	3199	574	152	30	3955	1060210	3202967	5239453	2032486	534

CARLETON COUNTY EXCLUDING OTTAWA: MAJOR INDUSTRY GROUPS, 1971

	OBSERV		FORCE		FIXCAP		TOTEMP		SUKPROC		VADD	
	SUM	PERC- ENT	SUM	PERC- ENT	SUM	PERC- ENT	SUM	PERC- ENT	SUM	PERC- ENT	SUM	PERC- ENT
SEC												
4	2	0.7	.	.	60	0.0	10	1.4	1000	0.1	790	0.2
5.01	12	4.1	245	22.2	86100	29.4	42	5.7	363059	37.2	82054	20.5
5.04	75	25.8	13	1.2	29638	10.1	127	17.4	118459	12.1	61705	15.4
5.05	58	19.9	252	22.9	57773	19.7	144	19.7	168849	17.3	59570	14.9
5.07	6	2.1	.	.	2900	1.0	20	2.7	15756	1.6	6900	1.7
5.08	26	8.9	557	50.5	74236	25.4	135	18.5	171171	17.6	87578	21.9
5.09	5	1.7	1	0.1	2200	0.8	6	0.8	2870	0.3	2164	0.5
5.13	2	0.7	10	0.9	2000	0.7	6	0.8	6424	0.7	5252	1.3
5.14	6	2.1	9	0.8	4620	1.6	12	1.6	9160	0.9	6470	1.6
5.15	32	11.0	9	0.8	17550	6.0	84	11.5	55110	5.7	39153	9.8
5.17	18	6.2	6	0.5	3862	1.3	71	9.7	25130	2.6	19540	4.9
5.19	1	0.3	.	.	450	0.2	3	0.4	2200	0.2	2000	0.5
6	1	0.3	.	.	260	0.1	2	0.3	500	0.1	250	0.1
10	47	16.2	.	.	11115	3.8	69	9.4	35366	3.6	27010	6.7
ALL	291	100.0	1102	100.0	292764	100.0	731	100.0	975054	100.0	400436	100.0

CITY OF OTTAWA: MAJOR INDUSTRY GROUPS, 1871

	OBSERV		FORCE		FIXCAP		TOTEMP		SUMPROC		VADD	
	SUM	PERC- ENT	SUM	PERC- ENT	SUM	PERC- ENT	SUM	PERC- ENT	SUM	PERC- ENT	SUM	PERC- ENT
SEC												
5.01	33	13.6	170	3.8	131600	6.9	148	4.6	765354	17.9	121176	7.4
5.04	32	13.2	26	0.6	16655	0.9	170	5.3	224125	5.3	108205	6.6
5.05	3	1.2	20	0.4	10512	0.5	7	0.2	14330	0.3	3430	0.2
5.07	48	19.8	.	.	29840	1.6	556	17.2	464605	10.9	172409	10.6
5.08	22	9.1	3932	87.6	1223975	63.7	1350	41.9	1714810	40.2	554925	34.0
5.09	8	3.3	50	1.1	4440	0.2	58	1.8	39050	0.9	24285	1.5
5.11	9	3.7	45	1.0	222750	11.6	352	10.9	308617	7.2	208942	12.8
5.13	18	7.4	100	2.2	22777	1.2	74	2.3	107434	2.5	56559	3.5
5.14	4	1.6	132	2.9	81000	4.2	84	2.6	106500	2.5	75348	4.6
5.15	15	6.2	10	0.2	20370	1.1	97	3.0	103124	2.4	64874	4.0
5.17	6	2.5	4	0.1	8400	0.4	51	1.6	56100	1.3	35025	2.1
5.19	2	0.8	.	.	1700	0.1	6	0.2	18500	0.4	6000	0.4
5.2	17	7.0	.	.	15951	0.8	59	1.8	83175	2.0	53692	3.3
6	10	4.1	.	.	10000	0.5	151	4.7	186775	4.4	102575	6.3
7	1	0.4	.	.	100000	5.2	14	0.4	30000	0.7	18800	1.2
10	15	6.2	.	.	21010	1.1	47	1.5	41900	1.0	25805	1.6
ALL	243	100.0	4489	100.0	1920980	100.0	3224	100.0	4264399	100.0	1632050	100.0

CARLETON COUNTY: INDUSTRY TYPES BY BASIC SIC CODE, 1871

SIC	OBSERV	FORCE	FIXCAP	FLOCAP	EMPMEN	EMPWOM	EMPBOY	EMPGIRL	TOTEMP	WAGES	SUMRAWC	SUMPROC	VADD
083	2	.	60	.	10	0	0	0	10	652	210	1000	790
101-P	7	.	4450	8650	15	1	0	0	16	4244	40413	53975	13562
104	1	.	700	250	1	1	0	0	2	311	800	1250	450
105	9	402	156500	66762	48	0	0	0	48	14950	636405	732213	95808
105-O	1	4	800	.	3	0	0	0	3	200	100	400	300
107	13	.	17850	8425	58	3	2	0	63	21331	156305	208755	52450
107	5	.	9300	3225	21	0	4	0	25	6988	58460	70820	12360
108-C	5	9	25000	11000	23	0	0	0	23	5840	18800	41500	22700
109-B	4	.	3100	350	5	1	4	0	10	1850	13900	19500	5600
109-S	19	39	27500	33400	53	1	4	0	58	17020	69610	113455	43845
172	69	.	11973	14063	146	0	9	3	158	39056	43964	111454	67490
174	19	.	6820	27015	80	0	1	0	81	23384	59100	117675	58575
179-S	19	220	43000	52000	24	33	4	4	65	16400	69000	100000	31000
182	2	.	2385	315	34	32	0	1	67	9162	24179	49599	25420
182-W	52	.	500	200	2	1	0	0	3	1100	200	1500	1300
189	1	52	22400	2300	13	2	1	0	16	2640	26800	32080	5280
189-W	6	.	19590	8610	77	204	3	2	286	53631	177230	264925	87695
242	18	.	7570	11650	26	151	2	6	185	21250	71700	125200	53500
243	12	.	2765	2593	1	35	13	0	49	6786	31866	48820	16954
244	14	.	2150	6600	9	11	0	0	20	5540	15100	31600	16500
246	3	.	665	505	0	30	0	6	36	3005	5156	9816	4660
249-M	7	.	1221100	1168258	1290	0	15	0	1305	313457	1156062	1719076	563014
251	22	4287	2100	3200	5	0	7	0	12	1172	3260	6700	3440
251-S	2	12	57500	51550	111	0	6	0	117	42700	64000	115000	47000
254	4	140	430	105	4	0	1	0	5	2000	3580	7800	4220
258	2	.	550	40	3	0	0	0	3	350	150	660	510
259	3	.	13831	5290	30	0	6	0	36	10750	10906	29945	19039
259-C	13	20	2700	1050	7	0	0	0	7	3800	1520	6800	5280
259-W	2	30	6040	6300	45	2	4	0	51	14316	12701	33770	21069
261	10	51	600	2600	13	0	0	0	13	2565	2770	8150	5380
266	3	.	4000	1000	5	0	1	0	6	2000	3500	12000	8500
286	1	.	100000	50000	40	34	4	4	82	35000	20000	60000	40000
286-B	1	.	14750	13100	23	25	5	3	56	13350	10175	35720	25545
287-B	3	.	104000	50000	194	2	12	0	208	98800	66000	200897	134897
289	4	45	2800	25	4	0	2	0	6	2000	1300	4000	2700
301	1	.	15877	7090	42	0	7	0	49	17032	42607	82358	39751
304-T	14	.	1500	200	5	0	0	0	5	1000	960	6000	5040
306	1	10	4000	4000	12	0	0	0	12	5200	5400	15900	10500
306-T	1	100	600	50	8	0	0	0	8	2844	1780	5600	3820
309	3	.	1820	2225	7	0	0	0	7	1250	2270	5910	3640
311	4	1	83500	55900	85	0	2	0	87	34870	31552	109500	77948
315	5	140	300	100	2	0	0	0	2	200	20	250	230
315-P	1	.	1200	1500	6	0	0	0	6	3000	2100	6000	3900
328	1	19	36700	34045	173	0	1	0	174	55142	52102	152134	100032
329	45	.	20	15	1	0	0	0	1	95	5	100	95
329-P	1	.	5000	3550	41	0	10	0	51	7610	2325	21560	19235
351-B	5	9	5300	8200	25	0	0	0	25	7640	13550	29300	15750
353	4	1	1000	600	10	0	0	0	10	6000	8000	20000	12000
356	1	.	962	3662	36	0	0	0	36	4527	2790	10370	7580
358-L	14	.	500	100	2	0	0	0	2	1500	2500	5500	3000
374	1	.	1650	700	6	0	1	0	7	2300	10200	15200	5000
376	2	.	4500	2710	6	0	0	0	6	5250	4470	17400	12930
391	4	.											

CARLETON COUNTY: INDUSTRY TYPES BY BASIC SIC CODE, 1871

SIC	OBSERV	FORCE	FIXCAP	FLOCAP	EMPMEN	EMPWOM	EMPBOY	EMPGIRL	TOTEMP	WAGES	SUMRAWC	SUMPROC	VADD
392	8	.	9110	9860	24	0	4	0	28	12275	10180	37400	27220
393	1	.	1000	3000	7	2	0	0	9	3350	2800	10000	7200
399	2	.	41	12	1	1	0	1	3	330	33	375	342
399-B	1	.	800	200	8	0	0	0	8	3120	10000	13000	3000
399-W	1	.	500	100	4	1	0	0	5	1500	2000	5000	3000
421-C	1	.	260	100	0	0	2	0	2	80	250	500	250
421-D	1	.	800	1200	9	0	2	0	11	3000	2600	11000	8400
421-P	3	.	2500	8700	24	0	8	0	32	6612	22000	43775	21775
421-S	6	.	6700	11600	108	0	0	0	108	38500	59600	132000	72400
574	1	.	100000	25000	14	0	0	0	14	6000	11200	30000	18800
862	1	.	3000	150	12	0	2	0	14	3000	6000	10000	4000
893	3	.	15500	3045	6	1	1	0	8	2914	3400	11400	8000
896	58	.	13625	8075	92	0	2	0	94	26469	15051	55866	40815
	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
	534	5591	2213744	1806120	3199	574	152	30	3955	1060210	3202967	5239453	2032486

CDID	CED	PROPRIOR	TYPEEST	SIC	FIXCAP	TYPEPOW	FORCE	TOTEMP	WAGES	SUMRAWC	SUMPROC	VADD
0077	E-1	DUHAMEL LOUIS	BOUCHERIE	101-P	1150		.	4	2080	16263	19889	3626
0077	E-1	LAFLEUR AUGUSTIN	SAUCISSERIE	101-P	50		.		400	8000	9000	1000
0077	C-1	EVANS SAMUEL	PORK PACKING EST	101-P	650		.	2	514	6500	8666	2166
0077	D-2	MARTIN JAMES	CHARCUTERIE	101-P	1000		.	3	450	4000	8500	4500
0077	D-1	THORBAHN ARMAND	SAUCISSIER, E	101-P	1000		.	2	300	4500	6000	1500
0077	E-1	LECLAIRE THEOPHI	SAUCISSERIE	101-P	200		.	2	300	1000	1420	
0077	D-2	WINTERS LEONARD	CHARCUTIER	101-P	400		.	2	200	150	500	350
					4450		0	16	4244	40413	53975	13562

CARLETON COUNTY: GRAIN MILLS, 1871

CDID	CED	PROPRIOR	TYPEEST	SIC	FIXCAP	TYPEPOW	FORCE	TOTEMP	WAGES	SUMRAWC	SUMPROC	VADD
0077	B-2	MCKAY THOMAS	FLOUR/OATMEAL MI	105/105-O	4000	WATER	40	16	5000	178880	194854	15974
0076	F	MCCLEHONT W & CO	FLOUR/OATMEAL MI	105/105-O	4000	WATER	75	10	2500	100000	150000	50000
0077	B-2	YOUNG & BRUNSON	FLOUR MILL	105	20000	WATER	100	6	3000	118500	130000	11500
0078	B-2	DICKSON M K	FLOUR/GRIST MILL	105	15000	WATER	60	3	1000	115000	120000	5000
0077	B-2	MORRISON WILLIAM	FLOUR MILL	105	30000	WATER	30	4	1200	71000	74000	3000
0078	I-1	MCDONALD ALEXANDE	GRIST MILL	105	2000	WATER	40	3	800	28250	31370	3120
0078	I-1	STEEN JAMES	GRIST MILL	105	4000	WATER	17	2	600	15000	20000	5000
0078	I-2	CLEMENTS JAMES	GRIST MILL	105	2500	WATER	.	1	250	6000	6900	900
0076	G-3	MCDIARMID A & D	GRIST MILL	105	3000	WATER	40	3	600	3775	5089	1314
0078	B-1	THOMSON ROBERT	OAT MILL	105-O	800	HORSE	4	3	200	100	400	300
					157300		406	51	15150	636505	732613	96108

CARLETON COUNTY: BAKERS AND CONFECTIONERS, 1871

CDID	CED	PROPRIOR	TYPEEST	SIC	FIXCAP	TYPEPOW	FORCE	TOTEMP	WAGES	SUMRAWC	SUMPROC	VADD
0077	E-1	ILLIFFE THOMAS	BOULANGERIE	107	1500		.	10	3432	26208	41640	15432
0077	A-2	JAMIESON WILLIAM	BAKER	107	250		.	6	2400	30000	40000	10000
0077	D-2	PRUDICK WILLIAM	CONFISEUR, B	108-C	4400		.	9	2000	36400	40000	3600
0077	D-2	WARNOCK JAMES	BOULANGER, B	107	8600		.	15	5500	30000	37500	7500
0077	C-1	MORRISON DANIEL	CONFECTIONER	108-C/107	2000		.	9	3000	17020	22020	5000
0077	D-2	SHOULDICE GEORGE	BOULANGERIE	107	400		.	6	2208	18000	22000	4000
0077	D-1	LOYER NOE	BOULANGER, B	107	300		.	3	800	15000	16500	1500
0077	A-1	SCOTT MRS ALLISON	BAKERY/CONFECTIO	107/108-C	5000		.	9	3000	8100	15000	6900
0077	C-2	JAMIESON ROBERT	BAKERY	107	500		.	3	850	8000	9600	1600
0077	D-1	KIMBER JOHN A	BOULANGER, B	107	400		.	2	550	6000	6900	900
0077	D-1	MARNEAU GEDEON	BOULANGERIE	107	250		.	2	550	5000	6200	1200
0077	C-1	HALL EDWARD	BAKERY	107	50		.	3	1081	4717	6115	1398
0077	A-2	JOYCE PATRICK	CONFECTIONER	108-C	300		.	4	1200	3500	6000	2500
0077	D-2	COOMES JOHN	BOULANGERIE	107	200		.	1	400	3000	3750	750
0077	D-1	COOMES JOHN	BOULANGER, B	107	300		.	2	400	1500	2500	1000
0077	D-2	COUSSENS HENRY ?	CONFISEUR, B	108-C/109-S	2000		.	2	500	1040	2000	960
0078	E	SHELLINGTON WILLI	BAKERY	107	100		.	1	160	780	1050	270
0077	B-1	HOY MRS MAY ANN	CONFECTIONERY	108-C	600		.	1	288	500	800	300
					27150		0	88	28319	214765	279575	64810

CARLETON COUNTY: BEVERAGE MAKERS, 1871

CDID	CED	PROPRIOR	TYPEEST	SIC	FIXCAP	TYPEPOW	FORCE	TOTEMP	WAGES	SUMRAWC	SUMPROC	VADD
0078	A-1	ROCHESTER JAMES A	BREWERY	109-B	10000	STEAM	6	7	1200	7200	16000	8800
0077	A-1	CLAMATIE SAMUEL ?	ALE	109-B	3000		.	6	2500	5000	10000	5000
0077	D-2	BANYEH JAMES	SIROP/GINGEMBRE,	109-S	1000		.	2	500	5200	7000	1800
0077	D-2	BANYEH JAMES ?	SIROP/GINGEMBRE,	109-S	1000		.	2	500	5200	7000	1800
0078	A-1	ROCHESTER WILLIAM	BREWERY	109-B	2000	HORSE	1	4	600	2200	7000	4800
0077	D-1	STERLING GEORGE	BRASSERIE	109-B	4000		.	3	1000	2500	4500	2000
0077	D-2	POULIN PIERRE	SIROPS/BITTERS,	109-S	600		.	2	450	3000	4500	1500
0078	F	BERRY WILLIAM	MALT HOUSE/BREW	109-B	6000	HORSE	2	3	540	1900	4000	2100
0077	E-1	CHABOT LOUIS Z	BIERE DE GINGEMB	109-S	500		.	4	400	500	1000	500
					28100		9	33	7690	32700	61000	28300

CARLETON COUNTY: TANNERIES, 1871

CDID	CED	PROPRIOR	TYPEEST	SIC	FIXCAP	TYPEPOW	FORCE	TOTEMP	WAGES	SUMRAWC	SUMPROC	VADD
0077	D-1	GERMAIN EDMOND	TANNEUR, B	172	3000	STEAM	6	7	3500	15500	26000	10500
0077	C-1	WOODLAND RICHARD	TANNERY/CURRYING	172	5000	STEAM	20	6	2000	19000	22000	3000
0078	A-1	ROCHESTER JOHN	TANNERY	172	10000	STEAM	12	8	1500	10600	18000	7400
0077	E-1	MCCULLOUGH JAMES	TANNERY	172	400		.	7	2820	5060	8575	3515
0078	B-1	VANDEMAN ALEXANDE	TANNERY	172	1000		.	2	700	3000	6000	3000
0078	B-1	WRIGHT EDGAR	TANNERY	172	300		.	1	500	3000	6000	3000
0078	B-1	KERR WILLIAM	TANNERY	172	400		.	1	400	2000	4500	2500
0078	G-1	WILSON THOMAS	TANNERY	172	1500		.	4	1200	2250	4500	2250
0078	E	BUTLER W H	TANNERY	172	1000		.	2	700	2000	4000	2000
0076	E-1	NAVINER FELIX	TANNERY	172	400		.	2	600	1300	2400	1100
0076	G-2	STRINGER WILLIAM	TANNERY	172	1000		.	2	400	1000	2000	1000
0078	D-1	ALEXANDER JAMES	TANNERY	172	500		.	2	500	1000	2000	1000
0076	G-3	HEPINSTALL & SON	TANNERY	172	1000		.	2	400	750	1500	750
0078	D-2	ARGUE GEORGE	TANNERY	172	600		.	2	600	700	1500	800
0078	G-1	DOWNEY JAMES	TANNERY SHOP	172	200		.	2	300	600	1280	680
0076	G-2	SCOTT JAMES	TANNERY	172	400		.	3	200	800	1100	300
0076	E-1	DAVIS MOSES	TANNERY	172	200		.	2	400	400	800	400
0078	G-1	MOORE ANDREW	TANNERY	172	300		.	1	150	350	700	350
0078	I-2	ARGUE JOHN W	TANNERY	172	300	HORSE	1	2	150	300	600	300
					27500		39	58	17020	69610	113455	43845

CARLETON COUNTY: SADDLERS, 1871

CDID	CED	PROPRIOR	TYPEEST	SIC	FIXCAP	TYPEPOW	FORCE	TOTEMP	WAGES	SUMRAWC	SUMPROC	VADD
0077	C-1	LEE THOMAS	SADDLERY/HARNESS	179-S/179-T	300		.	26	7800	25000	50000	25000
0077	D-2	HENEY ALEXANDRE	HARNESS/SADDLE F	179-S	100		.	6	2184	6000	14000	8000
0077	A-2	WRIGHT P	SELLIER, B	179-S/179-T	1200		.	10	3000	9800	13500	3700
0078	B-1	ASING RICHARD	HARNESSMAKER	179-S	200		.	5	1500	3000	8000	5000
0076	E-2	TAYLOR DAVID	HARNESS SHOP	179-S	1000		.	3	1000	2500	5000	2500
0078	E	DAWSON WILLIAM	HARNESS/BOOT MF	179-S/174	1000		.	6	2000	500	4000	3500
0078	E	BAXTER MICHAEL	HARNESS MAKING S	179-S	200		.	3	800	2000	4000	2000
0078	G-1	NEWTON EDMUND	HARNESS MAKING S	179-S	200		.	3	1000	2000	4000	2000
0077	C-1	MONTGOMERY ROBERT	HARNESS SHOP	179-S	200		.	3	700	2000	3000	1000
0077	E-2	LOTE JEAN B	HARNESS/SADDLE M	179-S	80		.	4	300	1500	2775	1275
0078	D-2	MILLS JOSEPH	SADDLER SHOP	179-S	30		.	1	300	1500	2000	500
0078	C-1	MCNAMARA MARTIN	SADDLE/HARNESSMA	179-S	50		.	2	600	600	1500	900
0078	B-2	BRADLEY GEORGE	HARNESS SHOP	179-S	700		.	2	350	650	1200	550
0078	I-2	HYNES JAMES	HARNESS/SADDLEMA	179-S	800		.	1	250	600	1000	400
0078	I-3	HENDSON JOHN	SADDLE/HARNESS S	179-S	.		.	1	400	500	1000	500
0076	G-2	IVESON TIMOTHY	SADDLER	179-S	150		.	2	500	350	1000	650
0076	E-3	TURNER JOHN	SADDLER SHOP	179-S	500		.	1	300	300	700	400
0077	C-1	ROBINSON GEORGE	HARNESSMAKER	179-S	100		.	1	300	100	500	400
			SADDLERY/HARNESS	179-S	10		.	1	100	200	500	300
					6820		0	81	23384	59100	117675	58575

CDID	CED	PROPRIOR	TYPEEST	SIC	FIXCAP	TYPEPOW	FORCE	TOTEMP	WAGES	SUMRAWC	SUMPROC	VADD
0077	D-1	BELLEMARE	THROPHI	174	3000			21	4500	7000	22000	15000
0077	E-2	HUGHES J	CHAUSURES, MF	174	100			7	2700	3000	9800	6800
0077	A-1	MCCULLOUGH	JAMES	174	400			3	1500	2500	3500	3500
0077	D-2	MOORE	ANDREW	174	300			6	1800	3000	5500	2500
0077	E-1	JOBIN PIERRE	SOU LIERS/BOTTES,	174	30			6	1600	3840	4800	960
0077	D-2	MURPHY GEORGE	CORDONNIER, B	174	700			7	2900	500	4500	4000
0077	D-1	VALIQUETTE	JOSEPH	174	200			3	1600	1400	4000	2600
0077	D-1	MOREAU ISRAEL	CORDONNIER, B	174	300			7	1450	1300	3500	2200
0077	E-2	CARSON ROBERT	BOOT/SHOE MF	174	75			4	1200	1500	2800	1300
0077	D-2	LAURIN STANISLAS	CHAUSURES, MF	174	300			3	850	1750	2750	1250
0078	E-1	MURPHY JOSHUA	SHOE SHOP	174	400			3	1000	1500	2700	1200
0077	E-1	ARBOUR	JOSEPH	174	100			6	1000	900	2000	1100
0078	A-2	CROWE ROBERT	BOOT/SHOEMAKER	174	60			2	456	912	2000	1088
0078	F	YOUNGHUSBAND N	SHOEMAKER SHOP	174	100			3	500	1000	2000	1000
0078	G-1	EVOY WILLIAM	SHOE SHOP	174	100			2	600	950	2000	1050
0076	G-3	SWENEY J & M	BOOT/SHOE SHOP	174	400			2	600	813	1872	1059
0076	G-3	WATSON SOUTHWALL	BOOT/SHOE SHOP	174	800			1	400	360	1600	1240
0077	D-1	O'BRIEN DENNIS	CORDONNIER, B	174	100			2	400	500	1500	1000
0078	E	MAGUIRE WILLIAM	SHOE MAKING SHOP	174	200			2	700	350	1500	1150
0077	D-1	GROULX TOUSSAI	CORDONNIER, B	174	100			3	800	500	1400	900
0077	C-1	JOLICORUR OCTAVE	BOOT/SHOE FACTOR	174	10			6	600	400	1250	850
0078	E-2	DAVIDSON PETER	BOOT/SHOEMAKER	174	200			2	400	600	1200	600
0078	B-2	ATCHINSON FRANCIS	BOOT/SHOEMAKER	174	120			1	300	700	1000	700
0077	D-1	DESMARAIS LEONARD	CORDONNIER, B	174	45			1	290	612	1000	388
0078	A-2	SHORE ROBERT	BOOT/SHOEMAKER	174	50			1	400	500	1000	500
0078	G-2	BLAKE THOMAS	SHOEMAKER	174	30			2	500	350	900	550
0078	I-3	CAVANAGH THOMAS	BOOT/SHOEMAKER	174	5			1	300	400	875	475
0077	C-1	MCGILTON THOMAS	BOOT/SHOE MF	174	100			1	240	436	862	426
0078	F	BRITTON EDWARD	SHOEMAKER SHOP	174	40			1	300	500	860	360
0078	G-1	COUSSEY RICHARD	SHOE SHOP	174	180			2	340	300	800	500
0076	E-3	FISHER THOMAS	SHOE SHOP	174	200			1	300	400	800	400
0076	G-2	IMLEY ANDREW	SHOE SHOP	174	500			2	500	200	800	600
0078	B-1	WRIGHT JOHN	SHOEMAKER SHOP	174	50			2	350	300	800	500
0078	D-1	STEEL JAMES	BOOT/SHOE FACTOR	174	300			6	300	200	750	550
0077	E-2	MOORE ANDREW	SHOEMAKER SHOP	174	50			1	300	200	700	500
0077	D-1	MCLAUGHLIN PHILIP	SHOEMAKER SHOP	174	30			1	300	300	700	400
0078	D-1	BURROUGHS JOHN	SHOEMAKER SHOP	174	70			1	300	260	670	410
0078	I-3	DONALDSON WILLIAM	SHOEMAKER	174	100			1	300	250	650	400
0078	I-3	DONALDSON JOHN	SHOEMAKER	174	10			1	300	150	600	450
0077	C-1	MILLS SAMUEL	BOOT/SHOEMAKING	174	115			1	400	100	600	500
0077	D-2	LABERGE PIERRE	CORDONNIER, B	174	30			1	225	300	600	300
0078	A-4	BERIGAN MICHAEL	SHOEMAKER	174	40			1	250	260	600	340
0078	D-1	WINCHESTER EDWARD	SHOEMAKER SHOP	174	100			1	300	200	600	400
0078	D-1	STAUCHELD WILLIAM	SHOEMAKER SHOP	174	100			1	300	250	600	350
0078	D-2	ARCHIBALD BLAIR	SHOEMAKER SHOP	174	500			1	200	250	500	250
0078	D-2	FEATHERSON GEORGE	SHOEMAKER SHOP	174	212			1	200	200	450	250
0078	C-1	LEE JOHN	BOOT/SHOE SHOP	174	24			1	300	150	450	300
0078	G-1	DOWNNEY WILLIAM	SHOE SHOP	174	10			1	300	85	400	315
0076	G-1	O'CONNOR JOHN	SHOEMAKER SHOP	174	50			1	300	100	400	300
0076	G-1	SHIEL THOMAS	SHOEMAKER SHOP	174	200			1	300	100	400	300
0076	G-3	MCKEOWN ROBERT	BOOT/SHOE SHOP	174	200			1	300	100	400	300
0078	D-2	HOUSTON JAMES	SHOEMAKER SHOP	174	200			1	200	150	400	250

CARLETON COUNTY: BOOTMAKERS, 1871

CDID	CED	PROPRIOR	TYPEEST	SIC	FIXCAP	TYPEPOW	FORCE	TOTEMP	WAGES	SUMRAWC	SUMPROC	VADD
0078	D-2	SHANNON JAMES	SHOEMAKER SHOP	174	80	.	.	1	200	150	400	250
0078	F	PHILIPS GILBERT	SHOEMAKER SHOP	174	.	.	.	1	200	125	375	250
0078	I-2	MCGREGOR SAMUEL	BOOT/SHOEMAKING	174	.	.	.	1	200	120	360	240
0078	I-1	LAMOND THOMAS	SHOE SHOP	174	100	.	.	1	192	140	350	210
0078	I-3	GROVES RICHARD	SHOEMAKER	174	50	.	.	1	160	80	275	195
0078	I-3	HANNA JOHN	SHOEMAKER	174	50	.	.	1	160	80	275	195
0078	G-3	MCGELT FRANCIS	BOOT/SOEE SHOP	174	100	.	.	1	200	30	250	220
0077	D-1	COCKER ALEXANDRE	CORDONNIER, B	174	5	.	.	1	50	100	250	150
0078	I-3	GREEN THOMAS	BOOT/SOEE SHOP	174	15	.	.	1	100	80	225	145
0078	I-3	MATINGLY JOSEPH	SHOEMAKER	174	25	.	.	1	150	60	225	165
0076	E-1	BASTIEN PHILIBERT	SHOEMAKING	174	15	.	.	2	150	24	200	176
0077	D-1	NOEL DAMASE	CORDONNIER, B	174	15	.	.	1	30	70	200	130
0078	G-2	GRIMES JOHN	SHOEMAKER	174	.	.	.	1	50	75	150	75
0076	E-2	MCWILLIAM HUGH	BOOT/SOEE MF	174	50	.	.	1	50	20	100	80
0078	G-2	BUCKLY JAMES	SHOEMAKER	174	10	.	.	1	280	40	100	60
0078	A-3	WILSON THOMAS	SHOEMAKER	174	5	.	.	1	13	30	48	18
0078	G-1	ACRES WILLIAM	SHOE SHOP	174	17	.	.	1	20	12	32	20
					=====	=====	=====	=====	=====	=====	=====	=====
					11973	0	158		39056	43964	111454	67490

CDID	CED	PROPRIOR	TYPEPST	SIC	FIXCAP	TYPEPOW	FORCE	TOTEMP	WAGES	SUMRAWC	SUMPROC	VADD
0076	F	BLACKBURN & MCLAR	WOOLEN FACTORY	182	35000	WATER	200	58	14400	60000	80000	20000
0078	B-2	DICKSON M K	CLOTH FACTORY	182	8000	WATER	20	7	2000	9000	20000	11000
0077	B-2	FILLION A	CARDING/FULLING	189-W	10000	WATER	20	3	600	10500	12480	1980
0078	I-1	RICHARDSON WILLIA	CARDING MILL	189-W	2000	WATER	12	3	790	6000	7000	1000
0078	G-1	BRADLEY WILLIAM B	CARDING/FULLING	189-W	1600	WATER	.	3	400	5200	6120	920
0076	G-3	FISHER JAMES	WEAVING EST	182-W	100	WATER	.	2	400	1800	4000	2200
0076	G-3	YORK JOHN	WEAVER ESTABLISH	182-W	90	WATER	.	2	360	1700	3000	1300
0078	A-3	ROBERTSON N G	CARDING MILL	189-W	800	WATER	10	3	250	2500	3000	500
0078	I-3	DERRAGH JAMES	WEAVING EST	182-W	50	WATER	.	2	450	1400	3000	1600
0078	D-2	SHELLINGTON JANE	WEAVER SHOP	182-W	150	WATER	.	2	500	1350	2600	1250
0078	I-3	KYLE WILLIAM	WEAVER	182-W	35	WATER	.	1	280	850	2500	1650
0078	I-2	BAIRD DANIEL S	CARDING MILL	189-W	2000	WATER	.	2	350	2000	2480	480
0078	I-1	GELLETTY JAMES	WEAVER	182-W	40	WATER	.	1	300	1030	2100	1070
0078	F	BRIIGGS EDWARD	COUNTRY WEAVER	182-W	100	WATER	.	1	200	780	1872	1092
0078	F	HARWOOD WILLIAM	WEAVER SHOP	182-W	100	WATER	.	1	300	800	1820	1020
0076	E-3	BAKER ANDREW	WEAVER SHOP	182-W	100	WATER	.	2	380	800	1800	1000
0077	A-1	STEVENS R W	BRAIDING	189	500	WATER	.	3	1100	200	1500	1300
0078	A-2	PATTERSON JAMES	WEAVING EST	182-W	30	WATER	.	2	182	530	1371	841
0078	D-2	COOK ROBERT	WEAVER	182-W	30	WATER	.	1	250	650	1250	600
0078	A-4	ROBISON JAMES	WEAVER SHOP	182-W	24	WATER	.	1	190	737	1240	503
0076	G-2	FRASER DAVID	WEAVING EST	182-W	100	WATER	.	2	300	800	1200	400
0078	H	CARR JOHN	WEAVER	182-W	30	WATER	.	2	300	588	1110	522
0078	H	POUTHNEY E	WEAVER	182-W	40	WATER	.	1	300	580	1100	520
0078	C-1	KARR ALEXANDER	CARDING MILL	189-W	6000	WATER	10	2	250	600	1000	400
0078	G-2	MCKERLY ROBERT	WEAVER	182-W	40	WATER	.	2	200	480	960	480
0078	A-2	BELL JOHN	WEAVING EST	182-W	30	WATER	.	1	212	375	900	525
0078	B-1	BROWN	WEAVER SHOP	182-W	20	WATER	.	1	200	350	900	550
0078	B-2	CRAIG MRS T	WEAVER	182-W	120	WATER	.	2	150	350	900	550
0078	B-2	PETTAPIECE MISS	WEAVER	182-W	120	WATER	.	2	150	350	900	550
0078	G-2	MCGREGOR MARY	WEAVER	182-W	30	WATER	.	1	160	400	860	460
0076	E-2	LURIJES PETER ?	WEAVER	182-W	50	WATER	.	2	100	517	855	338
0078	I-2	LANGFORD WILLIAM	WEAVER SHOP	182-W	40	WATER	.	2	250	390	850	460
0078	D-1	MCCAFFREY JAMES	WEAVER SHOP	182-W	50	WATER	.	1	200	400	800	400
0078	A-3	HASTY JAMES	WEAVER	182-W	24	WATER	.	1	200	309	780	471
0078	G-1	BOYD JOHN	WEAVING SHOP	182-W	20	WATER	.	1	130	407	780	373
0076	G-1	RIELLY I & M	WEAVER	182-W	20	WATER	.	2	120	500	770	270
0078	D-1	WEST HENRY	WEAVER SHOP	182-W	40	WATER	.	1	150	350	750	400
0078	G-2	MONTGOMERY JOHN	WEAVER	182-W	24	WATER	.	1	300	403	750	347
0078	I-2	GILCHRIST SAMUEL	WEAVER	182-W	199	WATER	.	2	180	440	750	310
0078	G-2	EDMUND HOWEY ?	WEAVER	182-W	12	WATER	.	1	200	333	720	387
0076	G-1	OWENS MARY	WEAVER	182-W	12	WATER	.	1	120	425	600	175
0078	D-1	MCCANN JAMES	WEAVER SHOP	182-W	20	WATER	.	1	150	400	600	200
0078	D-1	GREENAN FRANCIS	WEAVER SHOP	182-W	20	WATER	.	1	150	480	550	70
0076	G-1	LOWREY ROBERT	WEAVER	182-W	12	WATER	.	1	120	160	504	344
0078	C-1	ERVIN CATHERINE	WEAVER	182-W	40	WATER	.	1	40	250	445	195
0078	I-3	WALKER ALEXANDER	WEAVER	182-W	20	WATER	.	1	75	180	420	240
0076	E-3	TURGEON PETER	WEAVER SHOP	182-W	40	WATER	.	1	150	100	400	300
0077	D-1	DESJARDINS ROSEAN	TISSERANDE, E	182-W	12	WATER	.	1	50	200	350	150
0078	A-4	NANKIN JOHN	WEAVER SHOP	182-W	20	WATER	.	1	70	158	336	178
0078	G-2	EDEY ISABELLA	WEAVER	182-W	24	WATER	.	1	100	204	330	126
0078	G-1	GORDON WILLIAM	WEAVING SHOP	182-W	20	WATER	.	1	60	190	327	137
0078	I-2	CAVANAGH ELIZABET	WEAVER	182-W	20	WATER	.	1	95	120	300	180
0076	G-1	DEWISS FREDERICK	WEAVER	182-W	18	WATER	.	1	100	60	200	140
0076	G-1	SMYTHE DAVID	WEAVER	182-W	50	WATER	.	1	60	100	200	100
0076	G-1	COWAN ROBERT	WEAVER	182-W	16	WATER	.	1	60	100	180	80
0078	G-1	ARMSTRONG WILLIAM	WEAVING SHOP	182-W	20	WATER	.	1	30	105	175	70
0078	E	MOORE REBECCA JAN	WEAVER	182-W	50	WATER	.	1	50	65	172	107
0078	A-4	WOLOTHIER DAVID ?	WEAVER SHOP	182-W	15	WATER	.	1	35	63	134	71
0078	A-1	GILLESPIE THOMAS	WEAVER SHOP	182-W	10	WATER	.	1	26	28	90	62
0078	I-2	CARR WILLIAM	WEAVER	182-W	10	WATER	.	1	18	23	50	27
0078	G-2	DUNLOP SARAH ?	WEAVER	182-W	40	WATER	.	1	9	19	48	29
										68285	120179	63000
										272	29302	183179
										151	183179	63000

CARLETON COUNTY: CLOTHING PRODUCERS, 1871

CDID	CED	PROPRIOR	TYPEST	SIC	FIXCAP	TYPEPOW	FORCE	TOTEMP	WAGES	SUMRAWC	SUMPROC	VADD		
0077	D-2	EAGLESON P A & P	TAILLEUR	242	1000			21	5370	25000	36000	11000		
0077	B-2	MULLIN BERNARD	TAILORING EST	242	6000			25	5000	25000	31000	6000		
0077	D-2	CHEVRIER N & E	TAILLEUR, B	242	500			16	2500	20000	26000	6000		
0077	D-2	STORY THOMAS & CO	TAILLEUR	242	1000			23	5600	14000	25000	11000		
0077	D-2	STORY THOMAS	TAILLEUR, B	242	1000			23	5600	16000	25000	9000		
0077	A-1	MC GEE & RUSSELL	MILLINERY EST	242/249-M	400			23	5000	13000	22000	9000		
0077	D-2	CALDWELL FRANCIS	TAILLEUR	242	2000			36	5800	14000	21000	7000		
0077	D-2	MOWAT ALEXANDER &	TAILLEUR, B	242	2000			23	3000	15000	21000	6000		
0077	D-2	CALDWELL FRANCIS	TAILLEUR, B	242	2000			36	5800	14000	21000	7000		
0077	A-1	HOLBROOK GEORGE	TAILORING EST	243	1000			26	3000	10000	20000	10000		
0077	A-1	O' MEARA & CO ?	TAILORING EST	243	500			43	2400	12000	20000	8000		
0077	A-1	BANGS & CO	FURRIER MF	246	2000			10	3000	9100	20000	10900		
0077	D-1	LATREMOUILLE OCTA	TAILLEUR, B	243	200			35	4800	10000	18000	8000		
0077	A-1	MC MORAN & CO	MILLINERY/BONNET	244/249-M	1000			9	1500	10000	15000	5000		
0077	D-1	GROULX FRANCOI	TAILLEUR, B	243	100			13	1800	10000	15000	5000		
0077	D-2	CHABOTTE PIERRE	TAILLEUR, B	242	500			13	2400	11500	15000	3500		
0077	A-1	ROBERTSON NEIL	TAILORING EST	243	500			21	2500	8000	12000	4000		
0077	A-1	RAYOTTE TIMOTHY	TAILORING EST	243	500			20	1200	3000	12000	9000		
0077	B-2	LAWRENCE THOMAS	TAILORING EST	243	4000			8	2000	8000	12000	4000		
0077	C-1	PEACOCK JAMES	HATTING/FURRING	246	100			8	2500	5000	10000	5000		
0077	C-1	RYAN J W	MILLINERY	244/249-M	40			8	1336	4000	6670	2670		
0077	D-1	MARTINEAU EUGENE	TAILLEUR, B	243	200			9	1800	4000	6500	2500		
0077	E-2	MUNHALL KATHERINE	DRESSMAKER/MILLI	244/249-M	100			6	850	5000	6200	1200		
0078	G-1	FEATHERSTON WM JO	TAILOR SHOP	242	500			7	1500	2500	6000	3500		
0077	C-1	CUNNINGHAM & LIND	MILLINERY/MANTLE	244/249-M	800			4	800	4000	5600	1600		
0077	A-2	MALONE ELLEN	DRESSMAKING	244	60			2	300	3100	4900	1800		
0078	B-1	COULEY T	TAILOR SHOP	243	400			4	850	3500	4800	1300		
0077	C-1	PRESTON & ROWSELL	TAILOR/OUTFITTING	242	200			11	1920	1500	4275	2775		
0078	E	MC ELROY HENRY	CLOTHING/MILLINE	242/249-M	1000			4	775	2000	3500	1500		
0077	A-1	LEVINE G	HOOPSKIRT FACTOR	244	250			4	500	1682	3400	1718		
0077	C-1	SUTHERLAND WILLIA	TAILORING/OUTFIT	242	60			9	800	2000	3150	1150		
0077	C-1	CARRIAT HENRIETTA	MILLINERY EST	249-M	75			11	950	1500	3000	1500		
0077	C-1	MUNRO JANET	MILLINER/DRESSMA	249-M/244	200			8	720	1500	2500	1000		
0077	D-2	GODBOUT VICTOR E	TAILLEUR	242	400			9	1500	800	2400	1600		
0077	D-1	LAPIERRE ELEONOR	MODISTE, E	249-M	120			6	300	1200	2000	800		
0077	D-1	PALQUETTE OLIVE	COUTURIERE, E	243	60			4	400	1200	2000	800		
0077	E-2	WATT MARY & SARAH	DRESSMAKER SHOP	244	100			2	350	1200	1700	500		
0077	C-1	WILLIAMS FRANCIS	TAILORING EST	242	30			3	650	500	1600	1100		
0077	D-1	ST ARMAND ELLEN	MANCHONNIER, B	246	50			2	40	1000	1600	600		
0077	E-2	BURGESS HUGH	TAILOR SHOP	243	10			1	300	1200	1600	400		
0077	C-1	MILLINER/DRESSMA	249-M/244	50	50			5	385	800	1500	700		
0077	D-1	HOWARD MARGRET	COUTURIERE, B	244	100			4	200	800	1500	700		
0077	D-1	GAFREY RICHARD	TAILLEUR, B	243	100			1	200	800	1300	500		
0077	D-1	LEWIEUX PHILOMEN	MODISTE, E	244	50			2	100	500	1000	500		
0077	D-2	SHOCH AGNES	MODISTE, B	244	50			2	270	434	1000	566		
0076	G-3	FISHER DUNCAN	CLOTHING SHOP	242	900			2	360	400	800	400		
0077	E-2	BEHAN MISS	DRESSMAKER	244/243	50			1	150	500	650	150		
0077	D-2	SWITZER JANE	MODISTE	249-M	100			3	500	50	560	510		
0078	G-1	SAWYER ELISA A	MILLINER SHOP	244	30			1	100	400	500	100		
0077	A-2	ELLIOT SARAH	DRESSMAKER	244	60			2	300	100	400	300		
0077	D-1	BUREAU PHILOMENE	COUTURIERE, E	244/243	75			2	30	150	300	150		
0077	C-1	STEARNS FANNY	UNDERCLOTHING FC	242	100			2	56	30	200	170		
0078	G-1	TABENS ALICE	MILLINER SHOP	249-M	70			2	100	56	156	100		
0077	E-2	BRAY MRS B	MILLINERY/DRESSM	249-M/244	50			1	50	50	100	50		
					32740				0	576	90212	301052	480361	179309

CDID	CED	PROPRIOR	TYPEEST	SIC	FIXCAP	TYPEPOW	FORCE	TOTEMP	WAGES	SUMRAWC	SUMPROC	VADD
0077	B-2	BRONSON & WESTON	SAW MILL	251	350000	WATER	2500	300	70000	240000	360000	120000
0077	B-2	PERLEY & PATTEE	SAW MILL	251	150000	WATER	500	250	70000	240000	330000	90000
0077	B-2	BALDWIN A H	SAW MILL	251	90000	WATER	250	274	50000	180000	276000	96000
0077	B-2	BOOTH JAMES R	SAW MILL	251	400000	WATER	250	200	60000	180000	250000	70000
0077	B-2	YOUNG LEVI	SAW MILL	251	100000	WATER	100	100	20000	150000	182000	32000
0077	E-2	MCLAREN J & CO	SAW MILL	251	40000	WATER	100	53	18000	80000	150000	70000
0078	A-3	SKEAD HON JAMES	SAW MILL	251/251-S	42500	STEAM	85	30	8000	45000	90000	45000
0077	C-1	CURRIER T M & CO	SASH/BLIND/DOOR	254	35000	STEAM	50	70	32000	50000	85000	35000
0077	E-2	MCLAREN J & CO	SASH FACTORY	254	20000	WATER	50	20	7000	10000	20000	10000
0077	B-2	ROCHESTER JOHN	SAW MILL	251	20000	STEAM	50	25	7000	8400	16800	8400
0076	G-2	WILSON/GREENSHIEL	SAW MILL	251	3000	STEAM	75	6	540	5000	15000	10000
0078	I-1	MCCAAN JAMES	SAW MILL	251	5000	WATER	100	20	2500	12000	15000	3000
0077	B-2	OLIVER & AMABLE ?	CABINET/CHAIR FC	261	3000	WATER	50	22	6500	4240	12000	7760
0077	E-2	HARRIS & CAMPBELL	CABINETMAKER SHO	261	500	STEAM	5	9	2800	6000	12000	6000
0078	B-1	EASTERMAN A J	SAW MILL	251	4000	STEAM	5	8	2000	4000	12000	8000
0077	A-1	KENLY ROBERT JR	COOPERAGE	259-C	10000	STEAM	20	12	2400	4000	10000	6000
0076	F	BALLANTYNE J & T	BARRELS/SHINGLE	259-C/251-S	2500	STEAM	150	8	3200	3000	9500	6500
0076	G-1	DICKINSON K	SAW MILL	251	1100	WATER	30	6	2000	4000	8000	4000
0077	B-2	NEWELL GEORGE	WOOD TURNING SHO	259-W	2500	WATER	30	3	3500	1320	6000	4680
0077	D-2	SWALLWELL A JR	CERCUEILS, MF	258	250	WATER	5	3	1300	3500	6000	2500
0077	D-2	GIBSON & BATES	MENUISIER, B	254	1500	WATER	12	7	1100	3000	6000	2000
0078	C-1	CONN HUGH	SHINGLE FACTORY	251-S	500	WATER	8	4	500	2000	5000	3000
0077	A-1	GOWAN H & J	CARVER/GILDER	266	1200	STEAM	40	24	2500	2600	4320	1720
0078	D-1	BRADLEY JOHN	SAW MILL	251	2000	WATER	20	2	2000	800	1800	1000
0077	A-1	CLIFF WILLIAM	SAW MILL	254	100	STEAM	12	2	1200	1225	2600	1375
0077	C-1	RUSSELL GEORGE R	CABINETMAKING	261	2500	STEAM	100	3	1350	2500	2500	1500
0077	D-1	BURNS PATRICK	TONNELIER, B	259-C	100	WATER	20	2	700	80	1800	1720
0077	B-2	CROSS JOHN	PLANING MILL	251	2500	STEAM	12	2	1200	1000	1800	800
0077	A-2	WATCHBON JOHN	COOPER	259-C	100	WATER	20	2	200	1000	1200	400
0077	C-1	RUSSELL GEORGE H	UPHOLSTERY MF	266	200	WATER	11	1	500	800	1800	1000
0077	C-1	ROGERS SAMUEL	CABINET FACTORY	261/258	180	WATER	20	2	200	1000	1200	400
0077	D-1	ROCHON FLAVIN	SCULPTEUR/MENUIS	258/266	4000	WATER	12	1	200	800	1800	1000
0078	E	ELLIOTT & LITTLE	SAW MILL	251	2000	WATER	20	2	200	1000	1200	400
0078	I-2	FETHERSTON JAMES	SAW MILL	251/251-S	120	WATER	20	2	200	1000	1200	400
0078	I-1	STEEN JAMES	SAW MILL	251	40	WATER	20	2	200	1000	1200	400
0077	D-1	MILLOTTE EDOUARD	TONNELIER, B	259-C	2000	HORSE	1	2	500	200	1000	800
0077	E-1	JOLAUD ADOLPHE	NEUBLE, MF	261	100	WATER	1	2	500	200	1000	800
0078	B-1	ANGUS LEWIS	CABINET SHOP	261	50	WATER	1	2	600	250	1000	750
0078	G-1	ROBERTS JOHN E	CABINET SHOP	261	1000	WATER	20	2	265	425	896	471
0078	I-3	SHIELDS ALEXANDER	COOPER	259-C	1000	WATER	20	2	265	425	896	471
0077	C-1	JOYCE EDWARD	PICTURE FRAME ES	266	200	WATER	20	2	300	200	800	600
0076	G-2	QUAIL JAMES	SAW MILL	251	600	WATER	8	2	180	400	800	400
0077	C-2	SMITH WILLIAM A D	TURNER SHOP	259-W	600	WATER	8	2	180	400	800	400
0078	C-1	KIDD WILLIAM	SAW MILL	251	600	WATER	8	2	180	400	800	400
0078	G-1	BRADLEY WILLIAM B	SHINGLE MILL	251-S	400	WATER	1	1	250	229	600	371
0078	A-2	PATTON HENRY	COOPER SHOP	259-C	50	WATER	12	4	250	200	600	400
0078	I-3	SHIELDS JOHN	COOPER	259-C	1000	WATER	12	4	250	200	600	400
0078	I-1	HUBBELL JAMES	SAW MILL	251	1000	WATER	12	4	250	200	600	400
0078	I-2	FETHERSTON THOMAS	CABINETMAKER	261	100	WATER	12	4	250	200	600	400
0078	A-4	DOORLEY JOHN	CARPENTER SHOP	259	80	WATER	1	1	200	100	400	300
0078	G-1	SHIELDS HUGH	COOPER SHOP	259-C	75	WATER	1	1	300	42	350	308
0077	D-1	LARABY DOSITHE	TONNELIER, B	259-C	100	WATER	1	1	150	50	250	200
0078	D-2	BINGEMAN STEWART	CABINETMAKER SHO	261	1000	WATER	1	1	150	50	250	200
0078	I-2	LEARMOUTH GEORGE	SAW MILL	251	300	WATER	30	1	120	40	200	160
0078	A-3	MATHUS A	CARPENTER	259	2000	WATER	30	1	120	62	120	58
0078	A-3	SPARKS HUGH	SAW MILL	251	150	WATER	1	1	100	6	120	114
0078	I-2	KEDLEY MOSES	CHAIRMAKER	261	150	WATER	1	1	30	10	60	50
0077	D-1	BARETTE PIERRE	MENUISIER, B	259	24	WATER	1	1	40	15	55	40
0078	G-1	EVROY JAMES	COOPERING	259-C	25	WATER	1	1	30	15	50	35
0076	G-1	HEAPHY THOMAS	COOPER SHOP	259-C	25	WATER	1	1	30	5	40	35
0078	G-1	BASSON JAMES	COOPER SHOP	259-C	25	WATER	1	1	30	5	40	35
					1304851							
					4540	1549	391110	1254949	1927901	668952		

CARLETON COUNTY: PRINTING AND PUBLISHING, 1871

CDID	CED	PROPRIOR	TYPEEST	SIC	FIXCAP	TYPEPOW	FORCE	TOTEMP	WAGES	SUMRAWC	SUMPROC	VADD
0077	C-1	TAYLOR ISAAC B	PRINTING EST	289	50000	STEAM	25	140	50000	40000	113397	73397
0077	A-1	OTTAWA TIMES	PRINTER EST	289	40000	STEAM	10	42	31600	20300	60000	39700
0077	A-2	SMILLIE BOURNE &	BANK NOTE COMPAN	286-B	100000			82	35000	20000	60000	40000
0077	A-1	MITCHELL CHARLES	PRINTING EST	289	10000	STEAM	10	20	16000	5000	25000	20000
0077	A-1	HOPE JAMES & CO	BOOKBINDER MF	287-B	10000			16	4800	5000	20000	15000
0077	C-1	MORTIMER ALEXAND	BOOK BINDING EST	287-B	4000			38	7800	5000	14720	9720
0077	A-1	BELL & WOODBURN	PRINTING EST	286	4000			6	2000	3500	12000	8500
0077	C-1	WILSON & SONS	PRINTING OFFICE	289	4000			6	1200	700	2500	1800
0077	C-1	LOVEDAY JOSEPH	BOOK PRINTING ES	287-B	750			2	750	175	1000	825
					222750		45	352	149150	99675	308617	208942

CARLETON COUNTY: METALS AND MACHINERY, 1871

CDID	CED	PROPRIOR	TYPEEST	SIC	FIXCAP	TYPEPOW	FORCE	TOTEMP	WAGES	SUMRAWC	SUMPROC	VADD
0077	B-2	BLASDELL S S & CO	FOUNDRY/MACHINE	315	35000	WATER	60	32	13700	10852	44000	33148
0077	A-2	FLECK ALEXANDER	FOUNDRY/MACHINE	315	20000	STEAM	20	26	8870	10000	31500	21500
0077	D-2	GERMAIN NAZAIRE	FERBLANTIER, B	304-T	6000			10	4360	20000	30000	10000
0077	B-2	BALDWIN A H	MACHINE SHOP	315/327	10000	WATER	40	16	7300	5800	16000	10200
0077	D-2	MEADOW HENRY & CO	FERBLANTIER, B	304-T	600			5	2200	10000	16000	6000
0077	B-2	WASHBURN & SEXTON	AXE FACTORY	306-T	4000	WATER	100	12	5200	5400	15900	10500
0077	A-2	PERKINS EDWARD	FOUNDRY/MACHINE	315	16000	STEAM	12	10	4000	4500	15000	10500
0077	A-1	DORION C P	TINSMITH WAREHOU	304-T	4000			8	2500	3000	10000	7000
0077	D-1	PELLETIER ERIC	FERBLANTIER, B	304-T	500			4	1500	4000	6500	2500
0078	B-1	MARTIN STEPHEN	RAKE FACTORY	306/311	1500	STEAM	10	5	1000	960	6000	5040
0077	B-1	ENRIGHT ANNE	TINSMITH SHOP	304-T	1500			4	1500	1000	4500	3500
0077	D-2	KILDUFF PETER	FORGERON, B	301/896	2800			6	2000	1300	4000	2700
0077	C-2	HINDS HUGH	TINSMITH SHOP	304-T	1400			3	804	630	3234	2604
0077	D-2	KEHOE WILLIAM	FORGERON, B	309	300			5	1644	1080	3200	2120
0077	A-1	ESMONDE BROS	TIN/IRON PLATE W	304-T	650			3	900	815	3000	2185
0078	D-2	MCFARLANE JOHN	FOUNDRY/FINISHIN	315/294	2500	W/S	8	3	1000	400	3000	2600
0078	A-1	ARCHIBALD WILLIAM	BLACKSMITH MF	311	1000			2	700	600	2700	2100
0076	G-3	MCARTHUR D	BLACKSMITH	311	500			3	300	1500	2560	1060
0077	C-1	BOURQUE EDWARD	TINWARE FACTORY	304-T	150			2	800	600	2500	1900
0077	C-1	CORDINGLY W G	TIN/IRON WORKER	304-T	50			3	966	600	2000	1400
0077	B-2	KIPPS WILFRED	TINWARE EST	304-T	400			2	320	800	1700	900
0077	D-2	DUBREILLE OCTAVE	FORGERON, B	309	200			2	700	400	1400	1000
0077	A-2	JOHNSTON MICHAEL	TINSMITH SHOP	304-T	50			1	300	350	1100	750
0077	D-2	MAHON MARTIN	FORGE, B	309	100			1	500	300	1000	700
0077	C-1	HIGMAN THOMAS	PLUMBER/COOPER	304-T/309	67			2	372	400	800	400
0077	C-2	HINDS ROBERT	TINWARE MF	304-T	10			1	300	200	600	400
0078	A-3	CHECKLY JOHN	TINSMITH	304-T	500			1	210	212	424	212
0078	A-4	MCRAE ALEXANDER	CARPENTER SHOP	311	200	HORSE	1	1	150	100	350	250
0078	A-4	FINLAY JOSEPH	CARPENTER SHOP	311	120			1	100	70	300	230
0078	A-2	CHAPMAN MILO	CARPENTER/JOINER	315-P	300			2	200	20	250	230
					110397		251	176	64396	85889	229518	143629

CARLETON COUNTY: CARRIAGE AND WAGON MAKERS, 1871

CDID	CED	PROPRIOR	TYPEEST	SIC	FIXCAP	TYPEPOW	FORCE	TOTEMP	WAGES	SUMRAWC	SUMPROC	VADP
0077	D-1	DUHAMEL LOUIS	VOITURIER, E	329	4000			18	5200	15000	35000	20000
0077	C-1	STOCKDALE WILLIAM	CARRIAGE/SLEIGH	329	2000	STEAM	10	11	4680	4000	12000	8000
0077	A-1	TITUS ALONZA	CARRIAGE FACTORY	329	360			12	3000	3000	8000	5000
0077	C-1	HUMPHRIES GEORGE	CARRIAGE FACTORY	329	2000			10	3900	2070	7500	5430
0077	C-2	HUMPHRIES GEORGE	CARRIAGE FACTORY	329	2000			10	3900	2070	7500	5430
0077	B-2	JOYCE J & SON	WAGON/SLEIGH FCY	329	1000			8	3000	3000	7000	4000
0076	E-2	ANGUS WILLIAM	CARRIAGE FACTORY	329	5000	HORSE	2	9	2000	1280	6000	4720
0077	C-2	DUFOUR PIERRE	CARRIAGE MF	329	4000			6	1800	2000	6000	4000
0077	D-2	MASON HUGH	FORGERON, B	329	2800			4	1550	3000	5500	2500
0078	A-2	SPITTAL ALEXANDER	WAGON/CARRIAGE S	329	1000	HORSE	4	5	1980	2450	4750	2300
0078	B-1	WALLACE JOHN	CARRIAGE SHOP	329	500			6	2500	1800	4500	2700
0076	E-1	CUMMING ROBERT	CARRIAGE FACTORY	329	1500			5	1700	1500	3900	2400
0078	E	MCDUGALL DUNCAN	CARRIAGE FACTORY	329	1000			3	1000	156	3500	3344
0078	D-2	COSSIER JAMES	WAGON/CARRIAGE F	329	400			5	1680	830	3000	2170
0078	G-1	ALEXANDER THOMAS	CARRIAGE/SLEIGH	329	250			4	1200	880	3000	2120
0077	D-2	CHABOTTE ADOLPHE	VOITURIER, B	329	100			3	1320	550	2600	2050
0077	D-1	MASSICOTTE AUGUST	VOITURIER, B	329	100			2	1000	600	2300	1700
0078	A-3	LAMOISE CHARLES ?	CARRIAGE SHOP	329	800			3	782	320	2000	1680
0078	B-1	DRYMAN ROBERT	CARRIAGE SHOP	329	200			3	1200	450	2000	1550
0078	B-2	COUDIE JOHN	BLACKSMITH	329	500			3	700	800	2000	1200
0078	D-1	NOLAN JAMES	WAGON/SLEIGH SHO	329	300	HORSE	1	3	1000	700	2000	1300
0078	G-1	MOORE WILLIAM	BLACKSMITH FORGE	329	200			3	600	700	2000	1300
0078	D-2	ROBERTSON DONALD	BLACKSMITH SHOP	329	400			3	600	400	1600	1000
0078	D-2	DAVIDSON DAVID	BLACKSMITH SHOP	329	400			2	400	500	1500	1000
0078	E	BROWN THOMAS	CARRIAGE FACTORY	329	400			3	400	120	1250	1130
0077	A-1	BISHOPRICK MACK	CARRIAGE FACTORY	329	400			3	500	400	1200	800
0077	D-1	SAURIOL FRANCOIS	MENUISIER, B	329/261	300			1	400	100	1200	1100
0078	I-2	NICHOLSON JOHN	CARRIAGE MAKING	329	1200	HORSE	1	3	600	400	1200	800
0078	B-1	SUTHERLAND JOHN	CARRIAGE FACTORY	329	200			2	500	216	1000	784
0078	B-2	PARENT JOSEPH	BLACKSMITH	329	1200			2	400	600	1000	400
0078	D-1	WARREN THOMAS	WAGON/SLEIGH SHO	329	300			2	500	250	1000	750
0078	D-2	PRESSELEY WILLIAM	WAGONMAKER SHOP	329	400			2	400	200	1000	800
0078	E	O'CONNOR JAMES	WAGONMAKER	329	300			2	700	70	1000	930
0078	G-1	MOORE WILLIAM	CARRIAGE SHOP	329	100			1	450	300	1000	700
0077	E-1	BRUNETTE LOUIS	VOITURES, MF	329	60			1	500	200	800	600
0076	G-3	WISHART DAVID	CARRIAGE FACTORY	329	200	HORSE	1	2	500	26	750	724
0078	G-1	HOWARD GEORGE	WAGON SHOP	329	100			1	500	175	700	525
0078	A-2	LAFLEUR ANDREW	WAGON/CARRIAGE S	329	200			1	300	235	660	425
0078	F	SPROWL THOMAS	CARRIAGE FACTORY	329	100			2	350	189	600	411
0077	B-2	MCMAHON SIMON	WAGON/SLEIGH FAC	329	50			2	350	160	524	364
0078	E	EAMES PETER	WAGONMAKER	329	100			1	200	25	500	475
0076	G-1	MCCORRELL THOMAS	CARRIAGEMAKER SH	329	50			2	300	80	450	370
0078	C-1	PROCTOR GEORGE	WAGONMAKER	329	150			1	250	150	450	300
0078	I-3	SPROWLE WILLIAM	WAGONMAKER	329	30			1	250	120	450	330
0076	F	FINN WILLIAM	WHEELWRIGHT SHOP	329	50			1	150	30	250	220
0076	G-3	NICLES G ?	WHEEL FACTORY	329-P/259	20			1	95	5	100	95
					36720						152234	100127
					19						52107	152234

CARLETON COUNTY: CONSTRUCTION TRADES, 1871

CDID	CED	PROPRIOR	TYPEEST	SIC	FIXCAP	TYPEPOW	FORCE	TOTEMP	WAGES	SUMRAWC	SUMPROC	VADD
0077	C-2	STEWART & STOCKAN	CONTRACTING BUIL	421-S	2000			25	12000	20000	40000	20000
0077	D-2	KELLY JOHN	BATISSE, B	421-S	700			30	13500	20000	36000	16000
0077	C-1	BLYTH & KERR	PLUMBER/GASFITTE	421-P	1500			19	5000	17000	27500	10500
0077	C-1	WEBSTER JOHN	BUILDING EST	421-S	500			25	2000	4850	20000	15150
0077	C-2	MATTHEWS JAMES	BUILDING CONTRAC	421-S	2000			12	5000	3750	15000	11250
0077	D-1	ROSQUE PIERRE	BATISSEUR	421-S	500			10	4000	8000	15000	7000
0077	C-1	LANDAU E G	PLUMBER/GASFITTE	421-P	400			11	940	4000	14000	10000
0077	A-1	LANG A W	PAINTING EST	421-D	800			11	3000	2600	11000	8400
0077	D-2	STEWART ROBERT	BATISSE, B	421-S	1000			6	2000	3000	6000	3000
0077	C-1		PLUMBER/GASFITTE	421-P	600			2	672	1000	2275	1275
0078	A-3	MATHER ROBERT	CARPENTER SHOP	421-C	260			2	80	250	500	250
					10260		0	153	48192	84450	187275	102825

CARLETON COUNTY: BRICK, POTTERY AND LIME WORKS, 1871

CDID	CED	PROPRIOR	TYPEEST	SIC	FIXCAP	TYPEPOW	FORCE	TOTEMP	WAGES	SUMRAWC	SUMPROC	VADD
0077	A-1	MCKAY WILLIAM	PAINTING EST	356/421-D	1000			10	6000	8000	20000	12000
0077	C-1	SUMERVILLE WILLIA	TOMBSTONE FACTOR	353	1000			9	3000	8000	15000	7000
0077	A-1	MILLS A K & W J	MARBLE WORKS	353	500	HORSE	1	8	2400	4000	10000	6000
0077	A-1	O'DELL H	BRICK MANUFACTOR	351-B	1500	HORSE	1	20	4000	1500	9000	7500
0077	A-1	GOUGH HENRY	BRICK YARD	351-B	2500	HORSE	2	12	1550	250	5400	5150
0076	E-1	ROBILLARD HONORE	LIME KILN	358-L	52			5	1755	1000	4500	3500
0078	A-1	KENNEDY DONALD	BRICK MANUFACTOR	351-B	600	HORSE	1	8	600	400	3200	2800
0077	A-1	GOUGH GEORGE	BRICK YARD	351-B	200	HORSE	1	6	700	75	3000	2925
0077	D-2	MARIER PIERRE	TAILLEUR DE PIER	353	3200			6	1440	750	2700	1950
0076	E-1	HALIDAY SAMUEL	LIME KILN	358-L	20			8	1000	500	1750	1250
0076	E-1	YOUNG J S & G	LIME KILN	358-L	10			6	625	750	1750	1000
0078	E	TAUDVIN & JOHNSTO	MARBLE/STONECUTT	353	600			2	800	800	1600	800
0076	G-2	MC MARTIN PETER	BRICK YARD	351-B	200	HORSE	4	5	760	100	960	860
0076	E-1	ROBILLARD ALEXAND	LIME KILN	358-L	500			2	500	300	900	600
0078	I-3	MCCARTHY JAMES	LIME KILN	358-L	40			2	140	60	350	290
0076	G-1	REID ALEXANDER	LIME KILN	358-L	40			2	150	36	260	224
0078	G-1	JOHNSON JOSEPH	LIME KILN	358-L	50			1	60	20	225	205
0078	I-3	MCDONALD ARCHIBAL	LIME KILN	358-L	30			2	100	30	200	170
0078	D-1	KEMP JOHN	LIME KILN	358-L	80			2	40	10	90	80
0078	G-1	HODGINS JAMES	LIME KILN	358-L	40			1	26	12	75	63
0078	G-1	GRAHAM ANDREW	LIME KILN	358-L	20			1	50	10	75	65
0078	H	HEDLEY MRS	LIME KILN	358-L	50			2	30	15	75	60
0078	I-2	CRAIG GEORGE	LIME KILN	358-L				1	25	35	75	40
0078	G-1	LOWRY GEORGE	LIME KILN	358-L	30			1	26	12	45	33
					12262		10	122	25777	26665	81230	54565

CDID	CED	PROPRIOR	TYPEST	SIC	FIXCAP	TYPEPOW	FORCE	TOTEMP	WAGES	SUMRAWC	SUMPROC	VADD
0077	B-2	AHEARN J & W	BLACKSMITH SHOP	896	600			4	1500	1720	4500	2780
0077	D-1	LARIVIERE ALEXAND	FORGERON, B	896	500			2	800	2000	3500	1500
0077	D-1	DAMOUR ELIE	FORGERON, B	896	100			3	1200	800	2900	2100
0077	A-2	CLIFF THOMAS	BLACKSMITH	896	200			3	960	800	2500	1700
0076	G-2	HAWKSHAW JOHN	BLACKSMITH FORGE	896	400			1	300	600	2200	1600
0078	D-1	BRADLEY ALBERT	BLACKSMITH FORGE	896	250			4	800	400	1600	1200
0077	D-1	LECOEUR ISIDORE	FORGERON, B	896	200			2	450	500	1500	1000
0078	E	MCDUGALL DUNCAN	BLACKSMITH FORGE	896	1000			3	1000	400	1500	1100
0076	E-1	ST JACQUES ISIDOR	BLACKSMITH SHOP	896	100			2	800	120	1200	980
0076	E-2	EVANS HENRY	BLACKSMITH FORGE	896	550			1	660	220	1200	960
0077	A-2	EVANS JEREMIAH	BLACKSMITH FORGE	896	300			2	675	240	1200	960
0077	D-1	DONAVAN ALEXAND	FORGERON, B	896	100			1	400	250	1200	950
0078	H	WEIR THOMAS	BLACKSMITH SHOP	896	100			1	300	60	1200	1140
0076	E-2	COOPER GEORGE	BLACKSMITH FORGE	896	540			2	650	200	1100	900
0078	A-2	POLLOCK ROBERT	BLACKSMITH FORGE	896	420			2	550	200	1040	840
0076	F	BRAY JOHN	BLACKSMITH FORGE	896	250			2	800	150	1000	850
0077	B-2	BARBER JOHN	BLACKSMITH FORGE	896	300			2	600	175	1000	825
0078	D-1	MCCAFFREY THOMAS	BLACKSMITH FORGE	896	70			2	500	200	1000	800
0078	D-2	EDWARDS JOHN	BLACKSMITH SHOP	896	400			2	500	200	1000	800
0078	E	BROWN THOMAS	BLACKSMITH FORGE	896	200			2	600	120	1000	880
0078	G-1	MOORE HUGH	BLACKSMITH FORGE	896	200			2	600	280	1000	720
0078	I-3	HUNT ROBERT	BLACKSMITH FORGE	896	100			2	600	900	1000	100
0078	I-3	DOWNEY THOMAS	BLACKSMITH FORGE	896	250			2	600	225	1000	775
0077	C-1	ARMSTRONG THOMAS	BLACKSMITH FORGE	896	100			3	450	100	900	800
0078	I-3	MCLEAN GEORGE	BLACKSMITH/FARRI	896	175			2	600	190	900	710
0078	F	JOHNSTON/LANCELOT	BLACKSMITH FORGE	896	150			2	600	162	848	686
0076	E-1	LAFLEUR REGIS	BLACKSMITH SHOP	896	100			2	600	215	835	620
0076	E-3	RAMSEY ROBERT	BLACKSMITH	896	180			2	500	180	800	620
0076	G-1	LYNUM EDWARD	BLACKSMITH SHOP	896	200			1	300	180	800	620
0076	G-2	KENNEDY DAVID	BLACKSMITH FORGE	896	500			1	360	266	800	534
0077	C-1	KEHOE JOHN	HORSESHOEING SHO	896	60			1	300	50	800	750
0078	E	BENNETT MATTHEW	BLACKSMITH FORGE	896	500			1	500	110	800	690
0076	E-3	GRIMES HUGH	BLACKSMITH	896	100			1	250	300	700	400
0078	F	BRADLEY HENRY	BLACKSMITH SHOP	896	100			3	320	100	680	580
0076	E-2	WRIGHT ALLAN	BLACKSMITH FORGE	896	50			1	220	300	600	300
0076	G-2	MCPHERSON CHARLES	BLACKSMITH SHOP	896	500			2	300	200	600	400
0076	G-2	WOOD ALBERT	BLACKSMITH FORGE	896	350			1	200	250	600	350
0078	A-4	COSTELLO JOHN	BLACKSMITH SHOP	896	100			1	360	120	600	480
0078	D-2	RILEY THOMAS	BLACKSMITH SHOP	896	200			1	300	200	600	400
0078	G-2	MCDONNELL JAMES ?	BLACKSMITH SHOP	896	200			1	300	50	587	537
0078	I-1	BUDD THOMAS	BLACKSMITH SHOP	896	300			1	400	50	550	500
0076	G-1	BOUDRY PETER DENI	BLACKSMITH SHOP	896	300			1	208	100	500	400
0077	B-2	LECLAIR JOHN	BLACKSMITH FORGE	896	50			2	400	60	500	440
0078	G-1	COWEN ANDREW	BLACKSMITH SHOP	896	100			1	200	60	500	440
0078	I-3	HOWE WILLIAM	BLACKSMITH FORGE	896	300			1	300	100	500	400
0078	G-2	FURNESS PATRICK ?	BLACKSMITH FORGE	896	40			1	300	48	475	427
0078	G-1	MCKAY NATHANIEL	BLACKSMITH FORGE	896	80			1	200	150	450	300
0076	G-2	CAMERON PETER	BLACKSMITH FORGE	896	400			1	200	100	440	340
0076	E-3	EASTMAN WILLIAM	BLACKSMITH SHOP	896	50			1	300	40	400	360
0076	G-1	MCCORRELL THOMAS	BLACKSMITH SHOP	896	80			1	240	120	400	280
0078	A-3	BURNSIDE CHRISTOP	BLACKSMITH SHOP	896	30			1	250	15	400	385
0078	A-4	CASEY PATRICK	BLACKSMITH SHOP	896	100			1	240	125	400	275
0078	A-4	MULLIGAN ALEXANDE	BLACKSMITH SHOP	896	120			1	150	75	400	325
0078	A-3	HILL SAMUEL	BLACKSMITH SHOP	896	500			1	180	120	300	180
0078	C-1	PATTERSON JAMES	BLACKSMITH SHOP	896	100			1	200	60	300	240
0076	G-1	DUNLOP JOHN	BLACKSMITH SHOP	896	80			1	150	50	250	200
0078	C-1	EVOY JOHN	BLACKSMITH SHOP	896	100			1	150	30	200	170
0078	A-3	WINTHROP ROBERT	BLACKSMITH SHOP	896	200			1	96	15	111	96
									0	26469	15051	55866
									94			40815
									0			
									</			

CARLETON COUNTY: FIRMS USING INANIMATE POWER GE 25 HP, 1871

CDID	CED	PROPRIOR	TYPEEST	SIC	FIXCAP	TYPEPOW	FORCE	TOTEMP	WAGES	SUMRAWC	SUMPROC	VADD
0077	B-2	BRONSON & WESTON	SAW MILL	251	350000	WATER	2500	300	70000	240000	360000	120000
0077	B-2	PERLEY & PATTEE	SAW MILL	251	150000	WATER	500	250	70000	240000	330000	90000
0077	B-2	BOOTH JAMES R	SAW MILL	251	400000	WATER	250	200	60000	180000	250000	70000
0077	B-2	BALDWIN A H	SAW MILL	251	90000	WATER	250	274	50000	180000	276000	96000
0076	F	BLACKBURN & MCLAR	WOOLEN FACTORY	182	350000	WATER	200	58	14400	60000	80000	20000
0076	G-1	DICKINSON K	SAW MILL	251	1100	WATER	150	8	2000	4000	8000	4000
0077	B-2	YOUNG LEVI	SAW MILL	251	100000	WATER	100	100	20000	150000	182000	32000
0077	B-2	WASBURN & SEXTON	AXE FACTORY	306-T	4000	WATER	100	12	5200	5400	15900	10500
0077	B-2	YOUNG & BRONSON	& FLOUR MILL	105	20000	WATER	100	6	3000	118500	130000	11500
0077	E-2	MCLAREN J & CO	SAW MILL	251	40000	WATER	100	53	18000	80000	150000	70000
0078	I-1	MCCAAN JAMES	SAW MILL	251	5000	WATER	100	20	2500	12000	15000	3000
0078	A-3	SKHAD HON JAMES	SAW MILL	251/251-S	42500	STEAM	85	30	8000	45000	90000	45000
0076	F	MCCLEMONT W & CO	FLOUR/OATMEAL MI	105/105-O	40000	WATER	75	10	2500	100000	150000	50000
0076	G-2	WILSON/GREENSHIEL	SAW MILL	251	3000	STEAM	75	6	540	5000	15000	10000
0077	B-2	BLADELL S S & CO	FOUNDRY/MACHINE	315	35000	WATER	60	32	13700	10852	44000	33148
0078	B-2	DICKISON M K	FLOUR/GRIST MILL	105	15000	WATER	60	3	1000	115000	120000	5000
0077	B-2	ROCHESTER JOHN	SAW MILL	251	20000	STEAM	50	25	7000	8400	16800	8400
0077	B-2	OLIVER & AMABLE ?	CABINET/CHAIR FC	261	3000	WATER	50	22	6500	4240	12000	7760
0077	C-1	CURRIER T M & CO	SASH/BLIND/DOOR	254	35000	STEAM	50	70	32000	50000	85000	35000
0077	E-2	MCLAREN J & CO	SASH FACTORY	254	20000	WATER	50	20	7000	10000	20000	10000
0076	G-3	MCDIARMID A & D	GRIST MILL	105	3000	WATER	40	3	600	3775	5089	1314
0077	A-1	CLIFF WILLIAM	SAW MILL	254	2000	WATER	40	24	2500	4000	4000	1000
0077	B-2	BALDWIN A H	MACHINE SHOP	315/327	10000	WATER	40	16	7300	5800	16000	10200
0077	B-2	MCKAY THOMAS	FLOUR/OATMEAL MI	105/105-O	40000	WATER	40	16	5000	178880	194854	15974
0078	I-1	MCDONALD ALEXANDE	GRIST MILL	105	2000	WATER	40	3	800	28250	31370	3120
0077	B-2	NEWELL GEORGE	WOOD TURNING SHO	259-W	2500	WATER	30	6	3500	1320	6000	4680
0077	B-2	MORRISON WILLIAM	FLOUR MILL	105	30000	WATER	30	4	1200	71000	74000	3000
0078	A-3	SPARKS HUGH	SAW MILL	251	2000	WATER	30	1	57	62	120	58
0077	C-1	TAYLOR ISAAC B	PRINTING EST	289	50000	STEAM	25	140	50000	40000	113397	73397
					5220	1712	464297	1947479	2794530	843051		
					1550100							

CARLETON COUNTY: FIRMS EMPLOYING 2+ FEMALES IN 1971

CDID	CED	PROPRIOR	TYPEEST	SIC	FIXCAP	TYPEPOW	FORCE	FEMALE	WAGES	SUMRAWC	SUMPROC	VADD
0077	A-1	O'NEARA & CO ?	TAILORING EST	243	500		.	40	2400	12000	20000	8000
0077	A-2	SMILLIE BOURNE &	BANK NOTE COMPAN	286-B	100000		.	38	35000	20000	60000	40000
0077	D-1	LATREMOUTILLE OCTA	TAILLEUR, B	243	200		.	34	4800	10000	18000	8000
0076	F	BLACKBURN & MCLAR	WOOLEN FACTORY	182	35000	WATER	200	33	14400	60000	80000	20000
0077	D-2	CALDWELL FRANCIS	TAILLEUR	242	2000		.	30	5800	14000	21000	7000
0077	D-2	CALDWELL FRANCIS	TAILLEUR, B	242	2000		.	30	5800	14000	21000	7000
0077	C-1	MORTIMER ALEXAND	BOOK BINDING EST	287-B	4000		.	24	7800	5000	14720	9720
0077	B-2	MULLIN BERNARD	TAILORING EST	242	6000		.	23	5000	25000	31000	6000
0077	A-1	HOLBROOK GEORGE	TAILORING EST	243	1000		.	20	3000	10000	20000	10000
0077	A-1	MCCEE & RUSSELL	MILLINERY EST	242	400		.	20	5000	13000	22000	9000
0077	D-2	MOWAT ALEXANDER &	TAILLEUR, B	242	2000		.	20	3000	15000	21000	6000
0077	A-1	RAYOTTE TIMOTHY	TAILORING EST	243	500		.	16	1200	3000	12000	9000
0077	D-2	EAGLESON P A & P	TAILLEUR	242	1000		.	15	5370	25000	36000	11000
0077	A-1	ROBERTSON NEIL	TAILORING EST	243	2000		.	14	2500	8000	12000	4000
0077	C-1	CARRIAT HENRIETTA	MILLINERY EST	249-M	75		.	11	950	1500	3000	1500
0077	D-1	GROULX FRANCOIS	TAILLEUR, B	243	100		.	11	1800	10000	15000	5000
0077	D-2	STORY THOMAS & CO	TAILLEUR	242	1000		.	10	5600	14000	25000	11000
0077	D-2	CHEVRIER N & E	TAILLEUR, B	242	500		.	10	2500	20000	26000	6000
0077	D-2	CHABOTTE PIERRE	TAILLEUR, B	242	500		.	10	2400	11500	15000	3500
0077	D-2	STORY THOMAS	TAILLEUR, B	242	1000		.	10	5600	16000	25000	9000
0077	A-1	MCORAN & CO	MILLINERY/BONNET	244	1000		.	9	1500	10000	15000	5000
0077	D-1	MARTINEAU EUGENE	TAILLEUR, B	243	200		.	9	1800	4000	6500	2500
0077	C-1	MUNRO JANET	MILLINER/DRESSMA	249-M	200		.	8	720	1500	2500	1000
0077	D-2	GODBOUT VICTOR E	TAILLEUR	242	400		.	8	1500	800	2400	1600
0077	A-1	BANGS & CO	FURRIER MF	246	2000		.	6	3000	9100	20000	10900
0077	B-2	LAWRENCE THOMAS	TAILORING EST	243	4000		.	6	2000	8000	12000	4000
0077	D-1	LAPIERRE ELONOR	MODISTE, E	249-M	120		.	6	300	1200	2000	800
0077	E-2	MUNHALL KATHERINE	DRESSMAKER/MILLI	244	100		.	6	850	5000	6200	1200
0078	G-1	FEATHERSTON WM JO	TAILOR SHOP	242	500		.	6	1500	2500	6000	3500
0077	C-1		MILLINER/DRESSMA	249-M	50		.	5	385	800	1500	700
0077	A-1	HOPE JAMES & CO	BOOKBINDER MF	287-B	10000		.	4	4800	5000	20000	15000
0077	C-1	SUTHERLAND WILLIA	TAILORING/OUTFIT	242	60		.	4	800	2000	3150	1150
0077	D-1	PALIQUETTE OLIVE	COUTURIERE, E	243	60		.	4	400	1200	2000	800
0077	D-1	HOWARD MARGRET	COUTURIERE, B	244	100		.	4	200	800	1500	700
0078	B-2	DICKSON M K	CLOTH FACTORY	182	8000	WATER	20	4	2000	9000	20000	11000
0077	A-1	SCOTT MRS ALLISON	BAKERY/CONFECTIO	107	5000		.	3	3000	8100	15000	6900
0077	C-1	PEACOCK JAMES	HATTING/FURRING	246	100		.	3	2500	5000	10000	5000
0077	D-1	BELLEMARE THEOPHI	CHAUSSURES, MF	174	3000		.	3	4500	7000	22000	15000
0077	D-2	SWITZER JANE	MODISTE	249-M	100		.	3	500	50	560	510
0078	B-1	COULEY T	TAILOR SHOP	243	400		.	3	850	3500	4800	1300
0078	E	MCELROY HENRY	CLOTHING/MILLINE	242	1000		.	3	775	2000	3500	1500
0076	G-1	RIELLY I & M	WEAVER	182-W	20		.	2	120	500	770	270
0077	A-1	LEVINE G	HOOPSKIRT FACTOR	244	250		.	2	500	1682	3400	1718
0077	A-2	ELLIOT SARAH	DRESSMAKER	244	60		.	2	300	100	400	300
0077	A-2	MAIONE ELLEN	DRESSMAKING	244	60		.	2	300	3100	4900	1800
0077	C-1	STEARNS FANNY	UNDERCLOTHING FC	242	100		.	2	56	30	200	170
0077	C-1	WILLIAMS FRANCIS	TAILORING EST	242	30		.	2	650	500	1600	1100
0077	C-1	WHITESIDE H & CO	CARRIAGE/MATTRES	393	1000		.	2	3350	2800	10000	7200
0077	C-1	RUSSELL GEORGE R	CABINETMAKING	261	100		.	2	2000	900	4000	3100
0077	C-1	PRESTON & ROWSELL	TAILOR/OUTFITIN	242	200		.	2	1920	1500	4275	2775
0077	C-1	WILSON & SONS	PRINTING OFFICE	289	4000		.	2	1200	700	2500	1800
0077	D-1	ST ARMAND ELLEN	MANCHONNIER, B	246	50		.	2	40	1000	1600	600
0077	D-1	MARTEL ELEONORE	FLORISTE, E	399	1		.	2	30	6	75	69
0077	D-1	BUREAU PHILOMENE	COUTURIERE, E	244	75		.	2	30	150	300	150
0077	D-1	LEMIEX PHILOMEN	MODISTE, E	244	50		.	2	100	500	1000	500
0077	D-2	SHOCK AGNES	MODISTE, B	244	50		.	2	270	434	1000	566
0077	E-2	WATT MARY & SARAH	DRESSMAKER SHOP	244	100		.	2	350	1200	1700	500
0078	B-2	CRAIG MRS T	WEAVER	182-W	120		.	2	150	350	900	550
0078	G-1	TABENS ALICE	MILLINER SHOP	249-M	120		.	2	150	350	900	550
0078	G-2	EDMUND HOWEY ?	WEAVER	182-W	70		.	2	100	56	156	100
					199		.	2	200	333	720	387
					201320		220	566	165616	409741	714726	304985

CARLETON EXCL. OTTAWA: FIRMS BY NAME OF PROPRIETOR, 1871

CDID	CED	PROPRIOR	TYPEEST	SIC	FIXCAP	TYPEPOW	FORCE	TOTEMP	WAGES	SUMRAWC	SUMPROC	VADD
0078	G-1	ACRES WILLIAM	SHOE SHOP	174	17			1	20	12	32	20
0078	D-1	ALEXANDER JAMES	TANNERY	172	500			2	500	1000	2000	1000
0078	G-1	ALEXANDER THOMAS	CARRIAGE/SLEIGH	329	250			4	1200	880	3000	2120
0078	B-1	ANGUS LEWIS	CABINET SHOP	261	2000	HORSE	1	2	500	200	1000	800
0076	E-2	ANGUS WILLIAM	CARRIAGE FACTORY	329	5000	HORSE	2	9	2000	1280	6000	4720
0078	D-2	ARCHIBALD BLAIR	SHOEMAKER SHOP	174	100			1	300	250	600	350
0078	A-1	ARCHIBALD WILLIAM	BLACKSMITH MF	311	1000			2	700	600	2700	2100
0078	D-2	ARGUE GEORGE	TANNERY	172	600			2	600	700	1500	800
0078	I-2	ARGUE JOHN W	TANNERY	172	300	HORSE	1	2	150	300	600	300
0078	G-1	ARMSTRONG WILLIAM	WEAVING SHOP	182-W	20			1	30	105	175	70
0078	B-1	ASING RICHARD	HARNESS SHOP	179-S	1000			3	1000	2500	5000	2500
0078	B-2	ATCHINSON FRANCIS	BOOT/SHOEMAKER	174	200			2	400	600	1200	600
0078	I-2	BAIRD DANIEL S	CARDING MILL	189-W	2000	WATER		2	350	2000	2480	480
0076	E-3	BAKER ANDREW	WEAVER SHOP	182-W	100			2	380	800	1800	1000
0076	F	BALLANTYNE J & T	BARRELS/SHINGLE	259-C/251-S	2500	STEAM	20	12	3200	3000	9500	6500
0078	G-1	BASSON JAMES	COOPER SHOP	259-C	25			1	30	5	40	35
0076	E-1	BASTIEN PHILIBERT	SHOEMAKING	174	15			2	150	24	200	176
0078	E	BAXTER MICHAEL	HARNESS MAKING S	179-S	200			3	1000	2000	4000	2000
0078	A-2	BELL JOHN	WEAVING EST	182-W	30			1	212	375	900	525
0078	E	BENNETT MATTHEW	BLACKSMITH FORGE	896	500			1	500	110	800	690
0078	A-4	BERRIGAN MICHAEL	SHOEMAKER	174	30			1	225	300	600	300
0078	F	BERRY WILLIAM	MALT HOUSE/BREWE	109-B	6000	HORSE	2	3	540	1900	4000	2100
0078	D-2	BINGEMAN STEWART	CABINETMAKER SHO	261	100			1	150	50	250	200
0076	F	BLACKBURN & MCLAR	WOOLEN FACTORY	182	35000	WATER	200	58	14400	60000	80000	20000
0078	G-2	BLAKE THOMAS	SHOEMAKER	174	50			1	400	500	1000	500
0076	G-1	BOUDRY PETER DENI	BLACKSMITH SHOP	896	300			1	208	100	500	400
0078	G-1	BOYD JOHN	WEAVING SHOP	182-W	20			1	130	407	780	373
0078	D-1	BRADLEY ALBERT	BLACKSMITH FORGE	896	250			4	800	400	1600	1200
0078	B-2	BRADLEY GEORGE	HARNESS/SADDLEMA	179-S	800			1	250	600	1000	400
0078	F	BRADLEY HENRY	BLACKSMITH SHOP	896	100			3	320	100	680	580
0078	D-1	BRADLEY JOHN	SAW MILL	251	1200	STEAM	8	4	500	2600	4320	1720
0078	G-1	BRADLEY WILLIAM B	SHINGLE MILL	251-S	600	WATER		5	72	260	700	440
0078	G-1	BRADLEY WILLIAM B	CARDING/FULLING	189-W	1600	WATER		3	400	5200	6120	920
0076	F	BRAY JOHN	BLACKSMITH FORGE	896	250			2	800	150	1000	850
0078	F	BRIGGS EDWARD	COUNTRY WEAVER	182-W	100			1	200	780	1872	1092
0078	F	BRITTON EDWARD	SHOEMAKER SHOP	174	100			1	240	436	862	426
0078	B-1	BROWN	WEAVER SHOP	182-W	20			1	200	350	900	550
0078	E	BROWN THOMAS	BLACKSMITH FORGE	896	200			2	600	120	1000	880
0078	E	BROWN THOMAS	CARRIAGE FACTORY	329	400			1	400	120	1250	1130
0078	E	BROWN THOMAS	SHOEMAKER	174	10			1	280	40	100	60
0078	G-2	BUCKLY JAMES	BLACKSMITH SHOP	896	300			1	400	50	550	500
0078	I-1	BUDD THOMAS	BLACKSMITH SHOP	896	30			1	250	15	400	385
0078	A-3	BURNSIDE CHRISTOP	BLACKSMITH SHOP	896	300			1	300	300	700	400
0078	D-1	BURROUGHS JOHN	SHOEMAKER SHOP	174	30			1	700	2000	4000	2000
0078	E	BUTLER W H	TANNERY	172	1000			2	300	2000	4000	2000
0076	G-2	CAMERON PETER	BLACKSMITH FORGE	896	400			1	200	100	440	340
0078	H	CARR JOHN	WEAVER	182-W	30			2	300	588	1110	522
0078	I-2	CARR WILLIAM	WEAVER	182-W	10			1	18	23	50	27
0078	A-4	CASEY PATRICK	BLACKSMITH SHOP	896	100			1	240	125	400	275
0078	I-2	CAYANAGH ELIZABET	WEAVER	182-W	20			1	95	300	400	180
0078	I-3	CAYANAGH THOMAS	BOOT/SHOEMAKER	174	30			2	500	350	900	550
0078	A-2	CHAPMAN MILO	CARPENTER/JOINER	315-P	300			2	200	20	250	230

CDID	CED	PROPRIOR	TYPEEST	SIC	FIXCAP	TYPEPOW	FORCE	TOTEMP	WAGES	SUMRAWC	SUMPROC	VADD
0078	A-3	CHECKLY JOHN	TINSMITH	304-T	500			1	210	212	424	212
0078	I-2	CLEMENTS JAMES	GRIST MILL	105	2500	WATER		1	250	6000	6900	900
0078	C-1	CONN HUGH	SHINGLE FACTORY	251-S	1500	WATER	12	7	1100	3000	6000	3000
0078	D-2	COOK ROBERT	WEAVER	182-W	30			1	250	650	1250	600
0076	E-2	COOPER GEORGE	BLACKSMITH FORGE	896	540			2	650	200	1100	900
0078	D-2	COSSIER JAMES	WAGON/CARRIAGE F	329	400	329		5	1680	830	3000	2170
0078	A-4	COSTELLO JOHN	BLACKSMITH SHOP	896	100			1	360	120	600	480
0078	B-2	COSTELLO JOHN	BLACKSMITH	329	400			3	700	800	2000	1200
0078	B-1	COUDIE T	TAILOR SHOP	243	500			4	850	3500	4800	1300
0078	G-1	COUSSEY RICHARD	SHOE SHOP	174	40			1	300	500	860	360
0076	G-1	COWAN ROBERT	WEAVER	182-W	16			1	60	100	180	80
0078	G-1	COWEN ANDREW	BLACKSMITH SHOP	896	100			1	200	60	500	440
0078	I-2	CRAIG GEORGE	LIME KILN	358-L				1	25	35	75	40
0078	B-2	CRAIG MRS T	WEAVER	182-W	120			2	150	350	900	550
0078	A-2	CROWE ROBERT	BOOT/SHOEMAKER	174	60			2	456	912	2000	1088
0076	E-1	CUMMING ROBERT	CARRIAGE FACTORY	329	1500			5	1700	1500	3900	2400
0078	D-2	DAVIDSON DAVID	BLACKSMITH SHOP	329	400			2	400	500	1500	1000
0078	B-2	DAVIDSON PETER	BOOT/SHOEMAKER	174				1	400	600	1200	600
0076	E-1	DAVIS MOSES	TANNERY	172	200			2	400	400	800	400
0078	E	DAWSON WILLIAM	HARNES MAKING S	179-S	200			3	800	2000	4000	2000
0078	I-3	DERRAGH JAMES	WEAVING EST	182-W	50			2	450	1400	3000	1600
0076	G-1	DEWISS FREDERICK	WEAVER	182-W	18			1	100	60	200	140
0076	G-1	DICKINSON K	SAW MILL	251	1100	WATER	150	8	2000	4000	8000	4000
0078	B-2	DICKINSON M K	CLOTH FACTORY	182	8000	WATER	20	7	2000	9000	20000	11000
0078	B-2	DICKINSON M K	FLOUR/GRIST MILL	105	15000	WATER	60	3	1000	115000	120000	5000
0078	I-3	DONALDSON JOHN	SHOEMAKER	174	100			1	300	250	650	400
0078	I-3	DONALDSON WILLIAM	SHOEMAKER	174	70			1	300	260	670	410
0078	A-4	DOORLEY JOHN	CARPENTER SHOP	259	100			1	200	100	400	300
0078	G-1	DOWNEY JAMES	TANNERY SHOP	172	200			2	300	600	1280	680
0078	I-3	DOWNEY THOMAS	BLACKSMITH FORGE	896	250			2	600	225	1000	775
0078	G-1	DOWNEY WILLIAM	SHOE SHOP	174	24			1	300	150	450	300
0078	B-1	DRYMAN ROBERT	CARRIAGE SHOP	329	200			3	1200	450	2000	1550
0076	G-1	DUNLOP JOHN	BLACKSMITH SHOP	896	80			1	150	50	250	200
0078	G-2	DUNLOP SARAH ?	WEAVER	182-W	40			1	9	19	48	29
0078	E	EAMES PETER	WAGONMAKER	329	100			1	200	25	500	475
0078	B-1	EASTERMAN A J	SAW MILL	251	4000	STREAM	5	8	2000	4000	12000	8000
0076	E-3	EASTMAN WILLIAM	BLACKSMITH SHOP	896	50			1	300	40	400	360
0078	G-2	EDEY ISABELLA	WEAVER	182-W	24			1	100	204	330	126
0078	G-2	EDMUND HOWEY ?	WEAVER	182-W	199			2	200	333	720	387
0078	D-2	EDWARDS JOHN	BLACKSMITH SHOP	896	400			2	500	200	1000	800
0078	E	ELLIOTT & LITTLE	SAW MILL	251	200	WATER	20	2	200	1000	1800	800
0078	C-1	ERVIN CATHERINE	WEAVER	182-W	40			1	40	250	445	195
0076	E-2	EVANS HENRY	BLACKSMITH FORGE	896	550			1	660	220	1200	980
0078	G-1	EVOY JAMES	COOPERING	259-C	7			1	40	15	55	40
0078	C-1	EVOY JOHN	BLACKSMITH SHOP	896	100			1	150	30	200	170
0078	G-1	EVOY WILLIAM	SHOE SHOP	174	100			2	600	950	2000	1050
0078	D-2	FEATHERSON GEORGE	SHOEMAKER SHOP	174	500			1	250	250	500	250
0078	G-1	FEATHERSTON WM JO	TAILOR SHOP	242	500			7	1500	2500	6000	3500
0078	I-2	FEATHERSTON JAMES	SAW MILL	251/251-S	4000	WATER		11	500	800	1800	1000
0078	I-2	FETHERSTON THOMAS	CABINETMAKER	261				1	400	50	500	450
0078	A-4	FINLAY JOSEPH	CARPENTER SHOP	311	120			1	100	70	300	230

CARLETON EXCL. OTTAWA: FIRMS BY NAME OF PROPRIETOR, 1871

CDID	CED	PROPRIOR	TYPEEST	SIC	FIXCAP	TYPEPOW	FORCE	TOTEMP	WAGES	SUMRAWC	SUMPROC	VADD
0076	F	FINN	WHEELWRIGHT SHOP	329	50			1	150	30	250	220
0076	G-3	FISHER DUNCAN	CLOTHING SHOP	242	900			2	360	400	800	400
0076	G-3	FISHER JAMES	WEAVING EST	182-W	100			2	400	1800	4000	2200
0076	E-3	FISHER THOMAS	SHOEMAKER	174	180			2	340	300	800	500
0076	G-2	FRASER DAVID	WEAVING EST	182-W	100			2	300	800	1200	400
0078	G-2	FURNESS PATRICK ?	BLACKSMITH SHOP	896	40			1	300	48	475	427
0078	I-1	GELLETTY JAMES	WEAVER	182-W	40			1	300	1030	2100	1070
0078	I-2	GILCHRIST SAMUEL	WEAVER	182-W	50			1	180	440	750	310
0078	G-1	GILLESPIE THOMAS	WEAVING SHOP	182-W	10			1	26	28	90	62
0078	A-1	GORDON WILLIAM	WEAVING SHOP	182-W	20			1	60	190	327	137
0078	G-1	GRAHAM ANDREW	LIME KILN	358-L	20			1	50	10	75	65
0078	I-3	GREEN THOMAS	BOOT/SHOE SHOP	174	15			1	100	80	225	145
0078	D-1	GREENAN FRANCIS	WEAVER SHOP	182-W	20			1	150	480	550	70
0076	E-3	GRIMES HUGH	BLACKSMITH	896	100			1	250	300	700	400
0078	G-2	GRIMES JOHN	SHOEMAKER	174				1	50	75	150	75
0078	I-3	GROVES RICHARD	SHOEMAKER	174	50			1	160	80	275	195
0076	E-1	HALIDAY SAMUEL	LIME KILN	358-L	20			8	1000	500	1750	1250
0078	I-3	HANNA JOHN	SHOEMAKER	174	50			1	160	80	275	195
0078	A-3	HARE THOMAS L	QUARRY	083	50			8	600	200	900	700
0078	F	HARWOOD WILLIAM	WEAVER	182-W	100			1	300	800	1820	1020
0078	A-3	HASTY JAMES	WEAVER	182-W	24			1	200	309	780	471
0076	G-2	HAWKSHAW JOHN	BLACKSMITH FORGE	896	400			1	300	600	2200	1600
0076	G-1	HEADLEY THOMAS	COOPER SHOP	259-C	24			1	30	15	50	35
0078	H	HEADLEY MRS	LIME KILN	358-L	50			2	30	15	75	60
0078	I-3	HENDSON JOHN	SADDLER	179-S	150			2	500	350	1000	650
0076	G-3	HEPINSTALL & SON	TANNERY	172	1000			2	400	750	1500	750
0078	A-3	HILL SAMUEL	BLACKSMITH SHOP	896	500			1	180	120	300	180
0078	G-1	HODGINS JAMES	LIME KILN	358-L	40			1	26	12	75	63
0078	D-2	HOUSTON JAMES	SHOEMAKER SHOP	174	200			1	200	150	400	250
0078	G-1	HOWARD GEORGE	WAGON SHOP	329	100			1	500	175	700	525
0078	I-3	HOWE WILLIAM	BLACKSMITH FORGE	896	300			1	300	100	500	400
0078	I-1	HUBBELL JAMES	SAW MILL	251	1000	WATER	12	4	250	200	500	300
0078	I-3	HUNT ROBERT	BLACKSMITH FORGE	896	100			2	600	900	1000	100
0078	I-2	HYNES JAMES	SADDLE/HARNESS S	179-S				1	400	500	1000	500
0076	G-2	IMLEY ANDREW	SHOE SHOP	174	200			1	300	400	800	400
0076	G-2	IVESON TIMOTHY	SADDLER SHOP	179-S	500			1	300	300	700	400
0078	G-1	JOHNSON JOSEPH	LIME KILN	358-L	50			1	60	20	225	205
0078	F	JOHNSTON/LANCELOT	BLACKSMITH FORGE	896	150			2	600	162	848	686
0078	C-1	KARR ALEXANDER	CARDING MILL	189-W	6000	WATER	10	2	250	600	1000	400
0078	I-2	KEDLEY MOSES	CHAIRMAKER	261				1	100	6	120	114
0078	D-1	KEMP JOHN	LIME KILN	358-L	80			2	40	10	90	80
0076	G-2	KENNEDY DAVID	BLACKSMITH FORGE	896	500			1	360	266	800	534
0078	A-1	KENNEDY DONALD	BRICK MANUFACTOR	351-B	600	HORSE	1	8	600	400	3200	2800
0078	B-1	KERR WILLIAM	TANNERY	172	400			1	400	2000	4500	2500
0078	C-1	KIDD WILLIAM	SAW MILL	251	600	WATER	8	2	180	400	800	400
0078	I-3	KYLE WILLIAM	WEAVER	182-W	35			1	280	850	2500	1650
0078	A-2	LAFLEUR ANDREW	WAGON/CARRIAGE S	329	200			1	300	235	660	425
0076	E-1	LAFLEUR REGIS	BLACKSMITH SHOP	896	100			3	600	215	835	620
0078	A-3	LAMOISE CHARLES ?	CARRIAGE SHOP	329	800			2	782	320	2000	1680
0078	I-1	LAMOND THOMAS	SHOE SHOP	174	100			1	192	140	350	210
0078	I-2	LANGFORD WILLIAM	WEAVER	182-W	40			2	250	390	850	460

CDID	CED	PROPRIOR	TYPEEST	SIC	FIXCAP	TYPEPOW	FORCE	TOTEMP	WAGES	SUMRAWC	SUMPROC	VADD
0078	I-2	LEARMOUTH GEORGE	SAW MILL	251	1000	WATER	.	2	65	150	240	90
0078	C-1	LEE JOHN	BOOT/SHOE SHOP	174	212		.	1	200	200	450	250
0076	G-1	LOWREY ROBERT	WEAVER	182-W	12		.	1	120	160	504	344
0078	G-1	LOWREY GEORGE	LIME KILN	358-L	30		.	1	26	12	45	33
0076	E-2	LURIJES PETER ?	WEAVER	182-W	50		.	2	100	517	855	338
0076	G-1	LYNUM EDWARD	BLACKSMITH SHOP	896	200		.	1	300	180	800	620
0078	E	MAGUIRE WILLIAM	SHOE MAKING SHOP	174	200		.	2	700	350	1500	1150
0078	B-1	MARTIN STEPHEN	RAKE FACTORY	306/311	1500	STEAM	10	5	1000	960	6000	5040
0078	A-3	MATHER ROBERT	CARPENTER SHOP	421-C	260		.	2	80	250	500	250
0078	A-3	MATHUS A	CARPENTER	259	300		.	1	120	40	200	160
0078	I-3	MATINGLY JOSEPH	SHOEMAKER	174	25		.	1	150	60	225	165
0076	G-1	MARTHUR D	BLACKSMITH SHOP	311	500		.	3	300	1500	2560	1060
0078	I-1	MCCAAN JAMES	SAW MILL	251	5000	WATER	100	20	2500	12000	15000	3000
0078	D-1	MCCAFFREY JAMES	WEAVER SHOP	182-W	50		.	1	200	400	800	400
0078	D-1	MCCAFFREY THOMAS	BLACKSMITH FORGE	896	70		.	2	500	200	1000	800
0078	D-1	MCCANN JAMES	WEAVER SHOP	182-W	20		.	1	150	400	600	200
0078	I-3	MCCARTHY JAMES	LIME KILN	358-L	40		.	2	140	60	350	290
0076	F	MCCLEMONT W & CO	FLOUR/OATMEAL MI	105/105-O	40000	WATER	75	10	2500	100000	150000	50000
0076	G-1	MCCORKELL THOMAS	BLACKSMITH SHOP	896	80		.	1	240	120	400	280
0076	G-1	MCCORKELL THOMAS	CARRIAGEMAKER SH	329	50		.	2	300	80	450	370
0076	G-3	MCDIARMID A & D	GRIST MILL	105	3000	WATER	40	3	600	3775	5089	1314
0078	I-1	MCDONALD ALEXANDE	GRIST MILL	105	2000	WATER	40	3	800	28250	31370	3120
0078	I-3	MCDONALD ARCHIBAL	LIME KILN	358-L	30		.	2	100	30	200	170
0078	G-2	MCDONNEL JAMES ?	BLACKSMITH SHOP	896	200		.	1	300	50	587	537
0078	E	MCDUGALL DUNCAN	BLACKSMITH FORGE	896	1000		.	3	1000	400	1500	1100
0078	E	MCDUGALL DUNCAN	CARRIAGE FACTORY	329	1000		.	3	1000	156	3500	3344
0078	E	MCELROY HENRY	CLOTHING/MILLINE	242/249-M	1000		.	4	775	2000	3500	1500
0078	D-2	MC FARLANE JOHN	FOUNDRY/FINISHIN	315/294	2500	W/S	8	3	1000	400	3000	2600
0076	G-3	MC GELT FRANCIS	BOOT/SHOE SHOP	174	100		.	1	200	30	250	220
0078	G-2	MCGREGOR MARY	WEAVER	182-W	30		.	1	160	400	860	460
0078	I-2	MCGREGOR SAMUEL	BOOT/SHOEMAKING	174	.		.	1	200	120	360	240
0078	G-1	MCKAY NATHANIEL	BLACKSMITH FORGE	896	80		.	1	200	150	450	300
0076	G-3	MCKEOWN ROBERT	BOOT/SHOE SHOP	174	200		.	1	300	100	400	300
0078	G-2	MCKERLY ROBERT	WEAVER	182-W	40		.	2	200	480	960	480
0078	I-3	MCLEAN GEORGE	BLACKSMITH	896	175		.	2	600	190	900	710
0076	G-2	MC MARTIN PETER	BRICK YARD	351-B	200	HORSE	4	5	760	100	960	860
0078	C-1	MCNAMARA MARTIN	HARNESS SHOP	179-S	700		.	2	350	650	1200	550
0076	G-2	MCPHERSON CHARLES	BLACKSMITH SHOP	896	500		.	2	300	200	600	400
0078	A-4	MCR AE ALEXANDER	CARPENTER SHOP	311	200	HORSE	1	1	150	100	350	250
0076	E-2	MC WILLIAM HUGH	BOOT/SHOE MF	174	50		.	1	50	20	100	80
0078	D-2	MILLS JOSEPH	SADDLE/HARNESSMA	179-S	50		.	2	600	600	1500	900
0078	G-2	MONTGOMERY JOHN	WEAVER	182-W	24		.	1	300	403	750	347
0078	G-1	MOORE ANDREW	TANNERY	172	300		.	1	150	350	700	350
0078	G-1	MOORE HUGH	BLACKSMITH FORGE	896	200		.	2	600	280	1000	720
0078	E	MOORE REBECCA JAN	WEAVER	182-W	50		.	1	50	65	172	107
0078	G-1	MOORE WILLIAM	BLACKSMITH FORGE	329	200		.	3	600	700	2000	1300
0078	G-1	MOORE WILLIAM	CARRIAGE SHOP	329	100		.	1	450	300	1000	700
0078	A-4	MULLIGAN ALEXANDE	BLACKSMITH SHOP	896	120		.	1	150	75	400	325
0078	B-1	MURPHY JOSHUA	SHOE SHOP	174	400		.	3	1000	1500	2700	1200
0078	A-4	NANKIN JOHN	WEAVER SHOP	182-W	20		.	1	70	158	336	178
0076	E-1	NAVINER FELIX	TANNERY	172	400		.	2	600	1300	2400	1100

CARLETON EXCL. OTTAWA: FIRMS BY NAME OF PROPRIETOR, 1871

CDID	CED	PROPRIOR	TYPEEST	SIC	FIXCAP	TYPEPOW	FORCE	TOTEMP	WAGES	SUMRAWC	SUMPROC	VADD
0078	G-1	NEWTON EDMUND	HARNESS SHOP	179-S	200				700	2000	3000	1000
0078	I-2	NICHOLSON JOHN	CARRIAGE MAKING	329	1200	HORSE	1	3	600	400	1200	800
0076	G-3	NICHOLS G ?	WHEEL FACTORY	329-P/259	20				95	5	100	95
0078	D-1	NOLAN JAMES	WAGON/SLEIGH SHO	329	300	HORSE	1	3	1000	700	2000	1300
0078	E	O'CONNOR JAMES	WAGONMAKER	329	300				700	70	1000	930
0076	G-1	O'CONNOR JOHN	SHOEMAKER SHOP	174	10				300	85	400	315
0078	A-1	O'DELL H	BRICK MANUFACTORY	351-B	1500	HORSE	1	20	4000	1500	9000	7500
0076	G-1	OWENS MARY	WEAVER	182-W	12				120	425	600	175
0078	B-2	PARENT JOSEPH	BLACKSMITH	329	1200				400	600	1000	400
0078	A-2	PATTERSON JAMES	WEAVING EST	182-W	30				182	530	1371	841
0078	C-1	PATTERSON JAMES	BLACKSMITH SHOP	896	100				200	60	300	240
0078	A-2	PATTON HENRY	COOPER SHOP	259-C	400				250	229	600	371
0078	B-2	PETTAPIECE MISS	WEAVER	182-W	120				150	350	900	550
0078	F	PHILLIPS GILBERT	SHOEMAKER SHOP	174					200	125	375	250
0078	A-2	POLLOCK ROBERT	BLACKSMITH FORGE	896	420				550	200	1040	840
0078	H	POUTHNEY E	WEAVER	182-W	40				300	580	1100	520
0078	D-2	PRESSELEY WILLIAM	WAGONMAKER SHOP	329	400				400	200	1000	800
0078	C-1	PROCTOR GEORGE	WAGONMAKER	329	150				250	150	450	300
0076	G-2	QUAIL JAMES	SAW MILL	251	1000	WATER	20	2	265	425	896	471
0076	E-3	RAMSEY ROBERT	BLACKSMITH	896	180				500	180	800	620
0076	G-1	REID ALEXANDER	LIME KILN	358-L	40				150	36	260	224
0078	I-1	RICHARDSON WILLIAM	CARDING MILL	189-W	2000	WATER	12	3	790	6000	7000	1000
0076	G-1	RIELLY I & M	WEAVER	182-W	20				120	500	770	270
0078	D-2	RILEY THOMAS	BLACKSMITH SHOP	896	200				300	200	600	400
0078	G-1	ROBERTS JOHN E	CABINET SHOP	261	100				500	400	1000	600
0078	D-2	ROBERTSON DONALD	BLACKSMITH SHOP	329	400				600	400	1600	1200
0078	A-3	ROBERTSON N G	CARDING MILL	189-W	800	WATER	10	3	250	2500	3000	500
0076	E-1	ROBILLARD ALEXAND	LIME KILN	358-L	500				500	300	900	600
0076	E-1	ROBILLARD HONORE	LIME KILN	358-L	52				1755	1000	4500	3500
0078	A-4	ROBISON JAMES	WEAVER SHOP	182-W	24				190	737	1240	503
0078	A-1	ROCHESTER JAMES A	BREWERY	109-B	10000	STEAM	6	7	1200	7200	16000	8800
0078	A-1	ROCHESTER JOHN	TANNERY	172	10000	STEAM	12	8	1500	10600	18000	7400
0078	A-1	ROCHESTER WILLIAM	BREWERY	109-B	2000	HORSE	1	4	600	2200	7000	4800
0078	G-1	SAWYER ELISA A	MILLINER SHOP	244	30				100	400	500	100
0076	G-2	SCOTT JAMES	TANNERY	172	400				200	800	1100	300
0078	D-2	SHANNON JAMES	SHOEMAKER SHOP	174	80				200	150	400	250
0078	D-2	SHELLINGTON JANE	WEAVER SHOP	182-W	150				500	1350	2600	1250
0078	E	SHELLINGTON WILLI	BAKERY	107	100				160	1070	1050	270
0076	G-1	SHIEL THOMAS	SHOEMAKER SHOP	174	50				300	100	400	300
0078	I-3	SHIELDS ALEXANDER	COOPER	259-C	50				600	250	1000	750
0078	G-1	SHIELDS HUGH	COOPER SHOP	259-C	80				300	42	350	308
0078	I-3	SHIELDS JOHN	COOPER	259-C	50				250	200	400	400
0078	A-2	SHORE ROBERT	BOOT/SHOEMAKER	174	45				290	612	1000	388
0078	A-3	SKEAD HON JAMES	SAW MILL	251/251-S	42500	STEAM	85	30	8000	45000	90000	45000
0076	G-1	SMYTHE DAVID	WEAVER	182-W	50				60	100	200	100
0078	A-3	SPARKS HUGH	SAW MILL	251	2000	WATER	30	1	57	62	120	58
0078	A-2	SPITTAL ALEXANDER	WAGON/CARRIAGE S	329	1000	HORSE	4	5	1980	2450	4750	2300
0078	F	SPROWL THOMAS	CARRIAGE FACTORY	329	100				300	189	600	411
0078	I-3	SPROWLE WILLIAM	WAGONMAKER	329	30				250	120	450	330
0076	E-1	ST JACQUES ISIDOR	BLACKSMITH SHOP	896	100				800	120	1200	1080
0076	E-1	STANISLAS ROBERT	SOAP/CANDLE FACT	376	450				1100	200	2200	2000

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CDID	CED	PROPRIOR	TYPEEST	SIC	FIXCAP	TYPEPOW	FORCE	TOTEMP	WAGES	SUMRAWC	SUMPROC	VADD
0078	D-1	STAUCHEL WILLIAM	SHOEMAKER SHOP	174	100		.	1	300	200	600	400
0078	D-1	STEEL JAMES	SHOEMAKER SHOP	174	50		.	2	350	300	800	500
0078	I-1	STEEN JAMES	GRIST MILL	105	4000	WATER	17	2	600	15000	20000	5000
0078	I-1	STEEN JAMES	SAW MILL	251	2000	WATER	12	1	200	800	1200	400
0076	G-2	STRINGER WILLIAM	TANNERY	172	1000		.	2	400	1000	2000	1000
0078	B-1	SUTHERLAND JOHN	CARRIAGE FACTORY	329	200		.	2	500	216	1000	784
0076	G-3	SWENEY J & M	BOOT/SHOE SHOP	174	400		.	2	600	813	1872	1059
0078	G-1	TABENS ALICE	MILLINER SHOP	249-M	70		.	2	100	56	156	100
0078	E	TAUDVIN & JOHNSTO	MARBLE/STONECUTT	353	600		.	2	800	800	1600	800
0076	E-2	TAYLOR DAVID	HARNESS/BOOT MF	179-S/174	1000		.	6	2000	500	4000	3500
0078	B-1	THOMSON ROBERT	OAT MILL	105-O	800	HORSE	4	3	200	100	400	300
0076	E-3	TURGEON PETER	WEAVER SHOP	182-W	40		.	1	150	100	400	300
0076	E-3	TURNER JOHN	HARNESSMAKER	179-S	100		.	1	300	100	500	400
0078	B-1	VANDEMAN ALEXANDE	TANNERY	172	1000		.	2	700	3000	6000	3000
0078	I-3	WALKER ALEXANDER	WEAVER	182-W	20		.	1	75	180	420	240
0078	B-1	WALLACE JOHN	CARRIAGE SHOP	329	500		.	6	2500	1800	4500	2700
0078	D-1	WARREN THOMAS	WAGON/SLEIGH SHO	329	300		.	2	500	250	1000	750
0076	G-3	WATSON SOUTHWALL	BOOT/SHOE SHOP	174	800		.	1	400	360	1600	1240
0078	H	WEIR THOMAS	BLACKSMITH SHOP	896	100		.	1	300	60	1200	1140
0078	D-1	WEST HENRY	WEAVER SHOP	182-W	40		.	1	150	350	750	400
0078	I-1	WILLIS WILLIAM	CHEESE FACTORY	104	700		.	2	311	800	1250	450
0078	A-3	WILSON THOMAS	SHOEMAKER	174	5		.	1	13	30	48	18
0078	A-3	WILSON THOMAS	QUARRY	083	10		.	2	52	10	100	90
0078	G-1	WILSON THOMAS	TANNERY	172	1500		.	4	1200	2250	4500	2250
0076	G-2	WILSON/GREENSHIEL	SAW MILL	251	3000	STEAM	75	6	540	5000	15000	10000
0078	D-1	WINCHESTER EDWARD	SHOEMAKER SHOP	174	40		.	1	250	260	600	340
0078	A-3	WINTHROP ROBERT	BLACKSMITH SHOP	896	200		.	1	96	15	111	96
0076	G-3	WISHART DAVID	CARRIAGE FACTORY	329	200	HORSE	1	2	500	26	750	724
0078	A-4	WOLOTHIER DAVID ?	WEAVER SHOP	182-W	15		.	1	35	63	134	71
0076	G-2	WOOD ALBERT	BLACKSMITH FORGE	896	350		.	1	200	250	600	350
0076	E-2	WRIGHT ALLAN	BLACKSMITH FORGE	896	50		.	1	220	300	600	300
0078	B-1	WRIGHT EDGAR	TANNERY	172	300		.	1	500	3000	6000	3000
0078	B-1	WRIGHT JOHN	SHOE SHOP	174	500		.	2	500	200	800	600
0076	G-3	YORK JOHN	WEAVER ESTABLISH	182-W	90		.	2	360	1700	3000	1300
0076	E-1	YOUNG J S & G	LIME KILN	358-L	10		.	6	625	750	1750	1000
0078	F	YOUNGHUSBAND N	SHOEMAKER SHOP	174	100		.	3	500	1000	2000	1000
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										1102	731	155223
										292764	574618	975054
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CDID	CED	PROPRIOR	TYPEEST	SIC	FIXCAP	TYPEPOW	FORCE	TOTEMP	WAGES	SUMRAWC	SUMPROC	VADD
0077	C-1	SADDLERY/HARNESS	179-S/179-T		300			26	7800	25000	50000	25000
0077	C-1	PLUMBER/GASFITTE	421-P		600			2	672	1000	2275	1275
0077	C-1	MILLINER/DRESSMA	249-M/244		50			5	385	800	1500	700
0077	B-2	AHEARN J & W	BLACKSMITH SHOP	896	600			4	1500	1720	4500	2780
0077	D-1	ARBICK ANTOINE	PHOTOGRAPHE, A	893	100			1	200	100	600	500
0077	E-1	ARBOUR JOSEPH	CHAUSSURES, MF	174	100			6	1000	900	2000	1100
0077	C-1	ARMSTRONG THOMAS	BLACKSMITH/FARRI	896	100			3	450	100	900	800
0077	E-2	BAGINA ALFRED	STATUE MANUFACTO	399	40			1	300	27	300	273
0077	B-2	BALDWIN A H	MACHINE SHOP	315/327	10000	WATER	40	16	7300	5800	16000	10200
0077	B-2	BALDWIN A H	SAW MILL	251	90000	WATER	250	274	50000	180000	276000	96000
0077	A-1	BANGS & CO	FURRIER MF	246	2000			10	3000	9100	20000	10900
0077	D-2	BANYEH JAMES	SIROP/GINGEMBE, 109-S		1000			2	500	5200	7000	1800
0077	D-2	BANYEH JAMES ?	SIROP/GINGEMBE, 109-S		1000			2	500	5200	7000	1800
0077	B-2	BARBER JOHN	BLACKSMITH FORGE	896	300			2	600	175	1000	825
0077	D-1	BARETTE PIERRE	MENUISIER, B	259	150			1	30	10	60	50
0077	E-2	BEHAN MISS	244/243		50			1	150	500	650	150
0077	A-1	BELL & WOODBURN	PRINTING EST	286	4000			6	2000	3500	12000	8500
0077	D-1	BELLEMARE THEOPHI	CHAUSSURES, MF	174	3000			21	4500	7000	22000	15000
0077	A-1	BISHOPRICK MACK	CARRIAGE FACTORY	329	400			3	500	400	1200	800
0077	B-2	BLADELL S S & CO	FOUNDRY/MACHINE	315	35000	WATER	60	32	13700	10852	44000	33148
0077	C-1	BLYTH & KERR	PLUMBER/GASFITTE	421-P	1500			19	5000	17000	27500	10500
0077	B-2	BOOTH JAMES R	SAW MILL	251	400000	WATER	250	200	60000	180000	250000	70000
0077	C-1	BOURQUE EDWARD	TINWARE FACTORY	304-T	150			2	800	600	2500	1900
0077	E-2	BRAY MRS B	MILLINERY/DRESSM	249-M/244	50			1	50	50	100	50
0077	B-2	BRONSON & WESTON	SAW MILL	251	350000	WATER	2500	300	70000	240000	360000	120000
0077	E-1	BRUNETTE LOUIS	VOITURES, MF	329	60			1	500	200	800	600
0077	D-1	BUREAU PHILOMENE	COUTURIERE, E	244/243	75			2	30	150	300	150
0077	E-2	BURGESS HUGH	TAILOR SHOP	243	10			1	300	1200	1600	400
0077	D-1	BURNS PATRICK	TONNELIER, B	259-C	400			4	1550	2000	4000	2000
0077	D-2	CALDWELL FRANCIS	TAILLEUR	242	2000			36	5800	14000	21000	7000
0077	D-2	CALDWELL FRANCIS	TAILLEUR, B	242	2000			36	5800	14000	21000	7000
0077	C-1	CARRIAT HENRIETTA	MILLINERY EST	249-M	75			11	950	1500	3000	1500
0077	B-2	CARSON ROBERT	BOOT/SHOE MF	174	75			4	1200	1500	2800	1300
0077	E-1	CHABOT LOUIS Z	BIERE DE GINGEMB	109-S	500			4	400	500	1000	500
0077	D-2	CHABOTTE ADOLPHE	VOITURIER, B	329	100			3	1320	550	2600	2050
0077	D-2	CHABOTTE PIERRE	TAILLEUR, B	242	500			13	2400	11500	15000	3500
0077	D-2	CHEVRIER N & E	TAILLEUR, B	242	500			16	2500	20000	26000	6000
0077	A-2	CLIFF THOMAS	BLACKSMITH	896	200			3	960	800	2500	1700
0077	A-1	CLIFF WILLIAM	SAW MILL	254	2000	WATER	40	24	2500	4000	4000	5000
0077	A-1	CLAMATIE SAMUEL ?	ALE	109-B	3000			6	2500	5000	10000	5000
0077	D-2	COATES BETSY	ORFVRERIE, B	392	500			1	450	400	1600	1200
0077	D-1	COCKER ALEXANDRE	CORDONNIER, B	174	5			1	50	100	250	150
0077	D-1	COOMBS JOHN	BOULANGER, B	107	300			2	400	1500	2500	1000
0077	C-1	CORDINGLY W G	TIN/IRON WORKER	304-T	50			3	966	600	2000	1400
0077	D-2	COUSSENS HENRY ?	CONFISEUR, B	108-C/109-S	2000			2	500	1040	2000	960
0077	A-1	COX GEORGE	ENGRAVER	392	500			3	2000	200	3000	2800
0077	B-2	CROSS JOHN	PLANING MILL	251	2500	STEAM	12	2	1200	1225	2600	1375
0077	C-1	CUNNINGHAM & LIND	MILLINERY/MANTLE	244/249-M	800			4	800	4000	5600	1600
0077	C-1	CURRIER T M & CO	SASH/BLIND/DOOR	254	35000	STEAM	50	70	32000	50000	85000	35000
0077	D-1	DAMOUR ELIE	FORGERON, B	896	100			3	1200	800	2900	2100
0077	D-1	DESJARDINS ROSEAN	TISSERANDE, E	182-W	12			1	50	200	350	150

CDID	CED	PROPRIOR	TYPEEST	SIC	FIXCAP	TYPEPOW	FORCE	TOTEMP	WAGES	SUMRAWC	SUMPROC	VADD
0077	D-1	DESMARIS LEONARD	CORDONNIER, B	174	120			1	300	300	1000	700
0077	D-1	DONAVAN ALEXAND	FORGERON, B	896	100			1	400	250	1200	950
0077	A-1	DORTON C P	TINSMITH WAREHOU	304-T	4000			8	2500	3000	10000	7000
0077	D-2	DUBREILLE OCTAVE	FORGERON, B	309	200			2	700	400	1400	1000
0077	C-2	DUFOUR PIERRE	CARRIAGE MF	329	4000			6	1800	2000	6000	4000
0077	D-1	DUHAMEL LOUIS	VOITURIER, E	329	4000			18	5200	15000	35000	20000
0077	E-1	DUHAMEL LOUIS	BOUCHERIE	101-P	1150			114	2080	16263	19889	3626
0077	D-2	EAGLESON P A & P	TAILLEUR	242	1000			21	5370	25000	36000	11000
0077	A-2	ELLIOT SARAH	DRESSMAKER	244	60			2	300	100	400	300
0077	B-1	ENRIGHT ANNE	TINSMITH SHOP	304-T	1500			4	1500	1000	4500	3500
0077	A-1	ESMONDE BROS	TIN/IRON PLATE W	304-T	650			3	900	815	3000	2185
0077	A-2	EVANS JEREMIAH	BLACKSMITH FORGE	896	300			2	675	240	1200	960
0077	C-1	EVANS SAMUEL	PORK PACKING EST	101-P	650			2	514	6500	8666	2166
0077	B-2	FLECK ALEXANDER	CARDING/FULLING	189-W	10000	WATER	20	3	600	10500	12480	1980
0077	A-2	FRASER JOSEPH A	FOUNDRY/MACHINE	315	20000	STEAM	20	26	8870	10000	31500	21500
0077	D-1	GAFREY RICHARD	PHOTOGRAPHE, A	893	400			1	400	300	800	500
0077	D-1	GERMAIN EDMOND	TAILLEUR, B	243	100			1	200	800	1300	500
0077	D-1	GERMAIN NAZAIRE	TANNEUR, B	172	3000	STEAM	6	7	3500	15500	26000	10500
0077	D-2	GIBSON & BATES	FERBLANTIER, B	304-T	6000			10	4360	20000	30000	10000
0077	D-2	GODBOUT VICTOR E	MENUISIER, B	254	500			3	1200	4000	6000	2000
0077	A-1	GOUGH GEORGE	TAILLEUR	242	400			9	1500	800	2400	1600
0077	A-1	GOWAN H & J	BRICK YARD	351-B	2500	HORSE	2	12	1550	250	5400	5150
0077	D-1	GRONLUX FRANCOI	BRICK YARD	351-B	500			1	700	75	3000	2925
0077	D-1	HALL EDWARD	CARVER/GILDER	266	100			8	1200	2000	5000	3000
0077	C-1	HANLEY THOMAS	CORDONNIER, B	243	100			13	1800	10000	15000	5000
0077	B-2	HARNEY ALEXANDRE	CONFECTIONER	108-C	300			3	800	500	1400	900
0077	C-1	HIGMAN THOMAS	BAKERY	107	50			3	1081	4717	6115	1398
0077	D-2	HINDS ROBERT	CABINETMAKER SHO	261	500			9	2800	6000	12000	6000
0077	C-2	HINDS ROBERT	SELLIER, B	179-S/179-T	1200			10	3000	9800	13500	3700
0077	A-1	HOLBROOK GEORGE	PLUMBER/COOPER	304-T/309	67			2	372	400	800	400
0077	D-1	HOPE JAMES & CO	TINSMITH SHOP	304-T	1400			3	804	630	3234	2604
0077	D-1	HOWE WILLIAM	TINWARE MF	243	1000			1	300	200	600	400
0077	B-1	HUGHES J	TAILORING EST	243	10000			26	3000	10000	20000	10000
0077	E-1	HUMPHRIES GEORGE	BOOKBINDER MF	287-B	10000			16	4800	5000	20000	15000
0077	E-2	HUMPHRIES GEORGE	COUTURIERE, B	862	100			14	3000	6000	10000	4000
0077	C-1	ILLIFFE THOMAS	CONFECTIONERY	108-C	600			1	288	500	800	300
0077	C-2	JAMIESON ROBERT	SHOEMAKER SHOP	174	100			7	2700	3000	9800	6800
0077	A-2	JAMIESON WILLIAM	CARRIAGE FACTORY	329	2000			10	3900	2070	7500	5430
0077	E-1	JOLAUD ADOLPHE	MEUBLE, MF	261	2000			10	3900	2070	7500	5430
0077	C-1	JOLICOEUR OCTAVE	BOOT/SHOE FACTOR	174	1500			10	3432	26208	41640	15432
0077	B-2	JOYCE EDWARD	PICTURE FRAME ES	266	500			3	850	8000	9600	16000
0077	D-2	JOYCE J & SON	WAGON/SLEIGH FCY	329	250			6	2400	30000	40000	10000
0077	D-2	JOYCE PATRICK	BOULANGERIE	107	30			6	1600	3840	4800	960
0077	D-2	JOYCE PATRICK	TINSMITH SHOP	304-T	50			1	300	350	1100	750
0077	D-2	JOYCE PATRICK	MEUBLE, MF	261	40			1	520	200	1000	800
0077	D-2	JOYCE PATRICK	BOOT/SHOE FACTOR	174	10			6	600	400	1250	850
0077	D-2	JOYCE PATRICK	PICTURE FRAME ES	266	1			1	400	270	950	680
0077	D-2	JOYCE PATRICK	WAGON/SLEIGH FCY	329	1000			8	3000	3000	7000	4000
0077	D-2	JOYCE PATRICK	BOULANGERIE	107	200			1	400	3000	3750	750

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CDID	CED	PROPRIOR	TYPEEST	SIC	FIXCAP	TYPEPOW	FORCE	TOTEMP	WAGES	SUMRAWC	SUMPROC	VADD
0077	D-2	KEHOE	WILLIAM	309	300			5	1644	1080	3200	2120
0077	C-1	KEHOE JOHN	FORGERON, B	896	60			1	300	50	800	750
0077	D-2	KELLY JOHN	BATISSE, B	421-S	700			30	13500	20000	36000	16000
0077	A-1	KENDY ROBERT JR	COOPERAGE	259-C	10000			6	2400	4000	10000	6000
0077	D-2	KILDUFF PETER	FORGERON, B	301/896	2800			6	2000	1300	4000	2700
0077	D-1	KIMBER JOHN A	BOULANGER, B	107	400			2	550	6000	6900	900
0077	B-2	KIPPS WILFRED	TINWARE EST	304-T	400			2	320	800	1700	900
0077	D-2	LABERGE PIERRE	CORDONNIER, B	174	115			1	400	100	600	500
0077	E-1	LAFLUR AUGUSTIN	SAUCISSERIE	101-P	50			1	400	800	9000	1000
0077	C-1	LANDAU E G	PLUMBER/GASFITTE	421-P	400			11	940	4000	14000	10000
0077	A-1	LANG A W	PAINTING EST	421-D	800			11	3000	2600	11000	8400
0077	D-1	LAPIERRE ELEONOR	MODISTE, E	249-M	120			6	300	1200	2000	800
0077	D-1	LARABY DOSITHE	TONNELIER, B	259-C	75			1	150	50	250	200
0077	D-1	LARIVIERE ALEXAND	FORGERON, B	896	500			2	800	2000	3500	1500
0077	D-1	LATREMOUILLE OCTA	TAILLEUR, B	243	200			35	4800	10000	18000	8000
0077	D-2	LAURIN STANISLAS	CHAUSSURES, MF	174	300			3	850	1500	2750	1250
0077	B-2	LAWRENCE THOMAS	TAILORING EST	243	4000			8	2000	8000	12000	4000
0077	D-1	LEAVENS & CO	ORFEVRE, B	392	10			1	525	200	1500	1300
0077	B-2	LECLAIR JOHN	BLACKSMITH FORGE	896	50			2	400	60	500	440
0077	E-1	LECLAIRE THEOPHI	SAUCISSERIE	101-P	200			2	300	1000	1420	420
0077	D-1	LECOEUR ISIDORE	FORGERON, B	896	200			2	450	500	1500	1000
0077	C-1	LEE THOMAS	HARNES/SADDLE F	179-S	100			6	2184	6000	14000	8000
0077	A-1	LEGGO JOHN	DENTIST	391	1000			2	1200	1000	4000	3000
0077	D-1	LEMIEUX PHILOMEN	MODISTE, E	244	50			2	100	500	1000	500
0077	A-1	LESLIE JOHN	JEWELER	392	2000			8	2500	1200	8000	6800
0077	A-1	LEVINE G	HOOPSKIRT FACTOR	244	250			4	500	1682	3400	1718
0077	E-2	LOTE JEAN B	SADDLER SHOP	179-S	30			1	300	1500	2000	500
0077	C-1	LOVEDAY JOSEPH	BOOK PRINTING ES	287-B	750			2	750	175	1000	825
0077	D-1	LOYER NOE	BOULANGER, B	107	300			3	800	15000	16500	1500
0077	D-2	MAHON MARTIN	FORGE, B	309	100			1	500	300	1000	700
0077	A-2	MAHONE ELLEN	DRESSMAKING	244	60			2	300	3100	4900	1800
0077	D-2	MARIER PIERRE	TAILLEUR DE PIER	353	3200			6	1440	750	2700	1950
0077	D-1	MARINEAU GEDEON	BOULANGERIE	107	250			2	550	5000	6200	1200
0077	D-1	MARTEL ELEONORE	FLORISTE, E	399	1			2	30	6	75	69
0077	D-2	MARTIN JAMES	CHARCUTERIE	101-P	1000			3	450	4000	8500	4500
0077	D-2	MARTIN CHARLES A	DENTISTE, B	391	1000			1	750	300	1500	1200
0077	D-1	MARTINEAU EUGENE	TAILLEUR, B	243	200			9	1800	4000	6500	2500
0077	D-2	MASON HUGH	FORGERON, B	329	2800			4	1550	3000	5500	2500
0077	B-2	MASON WILLIAM	BOAT BUILDING ES	328	1200			6	3000	2100	6000	3900
0077	D-1	MASSICOTTE AUGUST	VOITURIER, B	329	100			2	1000	600	2300	1700
0077	C-2	MATTHEWS JAMES	BUILDING CONTRAC	421-S	2000			12	5000	3750	15000	11250
0077	A-1	MCCULLOUGH JAMES	BOOT/SHOE STORE	174	400			3	1500	2500	6000	3500
0077	E-1	MCCULLOUGH JAMES	TANNERIE	172	400			7	2820	5060	8575	3515
0077	A-1	MC GEE & RUSSELL	MILLINERY EST	242/249-M	400			23	5000	13000	22000	9000
0077	D-2	MC GILLIVRAY ED	GAZ	574	100000			14	6000	11200	30000	18800
0077	C-1	MC GILTON THOMAS	BOOT/SHOE MF	174	5			1	300	400	875	475
0077	B-2	MCKAY THOMAS	FLOUR/OATMEAL MI	105/105-O	40000	WATER	40	16	5000	178880	194854	15974
0077	A-1	MCKAY WILLIAM	PAINTING EST	356/421-D	1000			10	6000	8000	20000	12000
0077	E-2	MCLAREN J & CO	SAW MILL	251	40000	WATER	100	53	18000	80000	150000	70000
0077	E-2	MCLAREN J & CO	SASH FACTORY	254	20000	WATER	50	20	7000	10000	20000	10000
0077	E-2	MCLAUGHLIN PHILIP	SHOEMAKER SHOP	174	50			1	300	200	700	500

OTTAWA: ALL FIRMS BY NAME OF PROPRIETOR, 1871

CDID	CED	PROPRIOR	TYPEEST	SIC	FIXCAP	TYPEPOW	FORCE	TOTEMP	WAGES	SUMRAWC	SUMPROC	VADD
0077	B-2	MCMAHON SIMON	WAGON/SLEIGH FAC	329	50		.	2	350	160	524	364
0077	A-1	MC MORAN & CO	MILLINERY/BONNET	244/249-M	1000		.	9	1500	10000	15000	5000
0077	D-2	MEADOW HENRY & CO	FERBLANTIERIE, B	304-T	600		.	5	2200	10000	16000	6000
0077	A-1	MILES A W	HAIR WORKER	399-W	500		.	5	1500	2000	5000	3000
0077	A-1	MILLS A K & W J	MARBLE WORKS	353	500	HORSE	1	8	2400	4000	10000	6000
0077	C-1	MILLS SAMUEL	BOOT/SHOEMAKING	174	10		.	1	300	150	600	450
0077	D-1	MILLOTTE EDOUARD	TONNELIER, B	259-C	120		.	2	600	100	1000	900
0077	A-1	MITCHELL CHARLES	PRINTING EST	289	10000	STEAM	10	20	16000	5000	25000	20000
0077	C-1	MONDELOT C A	DENTISTRY	391	1000	STEAM	.	1	800	170	1900	1730
0077	C-1	MONTGOMERY ROBERT	HARNES/SADDLE M	179-S	80		.	4	300	1500	2775	1275
0077	D-2	MOORE ANDREW	CORDONNIER, B	174	300		.	6	1800	3000	5500	2500
0077	C-1	MOORE ANDREW	BOOT/SOUE FACTOR	174	300		.	6	300	200	750	550
0077	D-1	MOREAU ISRAEL	CORDONNIER, B	174	300		.	7	1450	1300	3500	2200
0077	C-1	MORRISON DANIEL	CONFECTIONER	108-C/107	2000		.	9	3000	17020	22020	5000
0077	B-2	MORRISON WILLIAM	FLOUR MILL	105	30000	WATER	30	4	1200	71000	74000	3000
0077	C-1	MORTIMER ALEXAND	BOOK BINDING EST	287-B	4000		.	38	7800	5000	14720	9720
0077	D-2	MORTIMER GEORGE	PHARMACIE	374	500		.	2	1500	2500	5500	3000
0077	D-2	MOWAT ALEXANDER &	TAILLEUR, B	242	2000		.	23	3000	15000	21000	6000
0077	B-2	MULLIN BERNARD	TAILORING EST	242	6000		.	25	5000	25000	31000	6000
0077	E-2	MUNHALL KATHERINE	DRESSMAKER/MILLI	244/249-M	100		.	6	850	5000	6200	1200
0077	C-1	MUNRO JANET	MILLINERY/DRESSMA	249-M/244	200		.	8	720	1500	2500	1000
0077	D-2	MURPHY GEORGE	CORDONNIER, B	174	700		.	7	2900	500	4500	4000
0077	B-2	NEWELL GEORGE	WOOD TURNING SHO	259-W	2500	WATER	30	6	3500	1320	6000	4680
0077	D-1	NOEL DAMASE	CORDONNIER, B	174	15		.	1	30	70	200	130
0077	A-1	NOTMAN WILLIAM	PHOTOGRAPHING	893	15000		.	6	2314	3000	10000	7000
0077	D-1	O'BRIEN DENNIS	CORDONNIER, B	174	100		.	2	400	500	1500	1000
0077	A-1	O'MEARA & CO ?	TAILORING EST	243	500		.	43	2400	12000	20000	8000
0077	B-2	OLIVER & AMABLE ?	CABINET/CHAIR FC	261	3000	WATER	50	22	6500	4240	12000	7760
0077	A-1	OLIVER MARTIN	DENTIST	391	1500		.	2	2500	3000	10000	7000
0077	A-1	OTTAWA TIMES	PRINTER EST	289	40000	STEAM	10	42	31600	20300	60000	39700
0077	A-1	PACE HENRY	WATCHMAKER/JEWEL	392	4000		.	3	2800	6000	10000	4000
0077	D-1	PALQUETTE OLIVE	COUTURIERE, E	243	60		.	4	400	1200	2000	800
0077	C-1	PEACOCK JAMES	HATTING/FURRING	246	100		.	8	2500	5000	10000	5000
0077	D-1	PELLETIER ERIC	FERBLANTIER, B	304-T	500		.	4	1500	4000	6500	2500
0077	A-2	PERKINS EDWARD	FOUNDRY/MACHINE	315	16000	STEAM	12	10	4000	4500	15000	10500
0077	B-2	PERLEY & PATTEE	SAW MILL	251	150000	WATER	500	250	70000	240000	330000	90000
0077	D-2	POULIN PIERRE	SIROPS/BITTERS,	109-S	600		.	2	450	3000	4500	1500
0077	C-1	PRESTON & ROWSELL	TAILOR/OUTFITTING	242	200		.	11	1920	1500	4275	2775
0077	D-2	PRUDICK WILLIAM	CONFISEUR, B	108-C	4400		.	9	2000	36400	40000	3600
0077	A-1	RAYOTTE TIMOTHY	TAILORING EST	243	500		.	20	1200	3000	12000	9000
0077	D-2	REARDON W & R	BALAIS, MF	399-B	800		.	8	3120	10000	13000	3000
0077	A-1	ROBERTSON NEIL	TAILORING EST	243	500		.	21	2500	8000	12000	4000
0077	C-1	ROBINSON GEORGE	SADDLERY/HARNES	179-S	10		.	1	100	200	500	300
0077	B-2	ROCHESTER JOHN	SAW MILL	251	20000	STEAM	50	25	7000	8400	16800	8400
0077	D-1	ROCHON FLAVIEN	SCULPTEUR/MENUIS	258/266	180		.	2	700	80	1800	1720
0077	C-1	ROGERS SAMUEL	CABINET FACTORY	261/258	200		.	5	846	655	1900	1245
0077	D-1	ROSQUE PIERRE	BATISSEUR	421-S	500		.	10	4000	8000	15000	7000
0077	C-1	RUSSELL GEORGE H	UPHOLSTERY MF	266	100		.	4	965	500	1700	2200
0077	C-1	RUSSELL GEORGE R	CABINETMAKING	261	100		.	8	2000	900	4000	3100
0077	C-1	RYAN J W	MILLINERY	244/249-M	40		.	8	1336	4000	6670	2670
0077	D-1	SAURIOI FRANCOIS	MENUISIER, B	329/261	300		.	1	400	100	1200	1100

OTTAWA: ALL FIRMS BY NAME OF PROPRIETOR, 1871

CDID	CED	PROPRIOR	TYPEEST	SIC	FIXCAP	TYPEPOW	FORCE	TOTEMP	WAGES	SUMRAWC	SUMPROC	VADD
0077	A-1	SCOTT MRS ALLISON	BAKERY/CONFECTIO	107/108-C	5000			9	3000	8100	15000	6900
0077	D-2	SEATON THOMAS J	ORFEVRIERIE, B	392	1000			2	600	150	2500	2350
0077	D-2	SHOCH AGNES	MODISTE, B	244	50			2	270	434	1000	566
0077	D-2	SHOULDICE GEORGE	BOULANGERIE	107	400			6	2208	18000	22000	4000
0077	A-2	SMILLIE BOURNE &	BANK NOTE COMPAN	286-B	100000			82	35000	20000	60000	40000
0077	C-2	SMITH WILLIAM A D	TURNER SHOP	259-W	200			1	300	200	800	600
0077	D-1	ST ARMAND ELLEN	MANCHONNIER, B	246	50			2	40	1000	1600	600
0077	D-2	STANISLAS & BROWN	SAVON/CHANDELLE, B	376	1200			4	1200	10000	13000	3000
0077	C-1	STEARNS FANNY	UNDERCLOTHING FC	242	100			2	56	30	200	170
0077	D-1	STERLING GEORGE	BRASSERIE	109-B	4000			3	1000	2500	4500	2000
0077	A-1	STEVENS R	BRAIDING	189	500			3	1100	200	1500	1300
0077	D-2	STEWART & ROBERT	BATISSE, B	421-S	1000			6	2000	3000	6000	3000
0077	C-2	STEWART & STOCKAN	CONTRACTING BUIL	421-S	2000			25	12000	20000	40000	20000
0077	C-1	STOCKDALE WILLIAM	CARRIAGE/SLEIGH	329	2000	STEAM	10	11	4680	4000	12000	8000
0077	D-2	STORY THOMAS	TAILLEUR, B	242	1000			23	5600	16000	25000	9000
0077	D-2	STORY THOMAS & CO	TAILLEUR	242	1000			23	5600	14000	25000	11000
0077	C-1	SUMERVILLE WILLIA	TOMBSTONE FACTOR	353	1000			9	3000	8000	15000	7000
0077	C-1	SUTHERLAND WILLIA	TAILORING/OUTFIT	242	60			9	800	2000	3150	1150
0077	D-2	SWALLWELL A JR	CERCUEILS, MF	258	250			3	1300	3500	6000	2500
0077	D-2	SWITZER JANE	MODISTE	249-M	100			3	500	50	560	510
0077	C-1	TAYLOR ISAAC B	PRINTING EST	289	50000	STEAM	25	140	50000	40000	113397	73397
0077	D-1	THORBAHN ARMAND	SAUCISSIER, E	101-P	1000			2	300	4500	6000	1500
0077	A-1	TITUS ALONZA	CARRIAGE FACTORY	329	360			12	3000	3000	8000	5000
0077	D-2	TRACY WILLIAM	ORFEVRIERIE	392	100			1	400	30	800	770
0077	D-1	VALIQUETTE JOSEPH	CORDONNIER, B	174	200			3	1600	1400	4000	2600
0077	D-2	WARNOCK JAMES	BOULANGER, B	107	8600			15	5500	30000	37500	7500
0077	B-2	WASHBURN & SEXTON	AXE FACTORY	306-T	4000	WATER	100	12	5200	5400	15900	10500
0077	A-2	WATCHBON JOHN	COOPER	259-C	100			3	1350	1000	2500	1500
0077	E-2	WATT MARY & SARAH	DRESSMAKER SHOP	244	100			2	350	1200	1700	500
0077	C-1	WEBSTER JOHN	BUILDING EST	421-S	500			25	2000	4850	20000	15150
0077	C-1	WHITESIDE H & CO	CARRIAGE/MATTRES	393/266	1000			9	3350	2800	10000	7200
0077	C-1	WILLIAMS FRANCIS	TAILORING EST	242	30			3	650	500	1600	1100
0077	C-1	WILSON & SONS	PRINTING OFFICE	289	4000			6	1200	700	2500	1800
0077	D-2	WINTERS LEONARD	CHARCUTIER	101-P	400			2	200	150	500	350
0077	C-1	WOODLAND RICHARD	TANNERY/CURRYING	172	5000	STEAM	20	6	2000	19000	22000	3000
0077	A-2	WRIGHT P	HARNESSMAKER	179-S	200			5	1500	3000	8000	5000
0077	B-2	YOUNG LEVI	SAW MILL	251	100000	WATER	100	100	20000	150000	182000	32000
0077	B-2	YOUNG & BRONSON	FLOUR MILL	105	20000	WATER	100	6	3000	118500	130000	11500
0077	A-1	YOUNG & RADFORD	JEWELER/GOLDSMIT	392	1000			9	3000	2000	10000	8000
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										1920980	4264399	1632050
										4489	3224	904987
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										2628349	4264399	1632050

NEW EDINBURGH VILLAGE: ALL ESTABLISHMENTS BY PROPRIETOR, 1871

CDID	CED	PROPRIOR	TYPEEST	SIC	FIXCAP	TYPEPOW	FORCE	TOTEMP	WAGES	SUMRAWC	SUMPROC	VADD
0076	F	BALLANTYNE J & T	BARRELS/SHINGLE	259-C/251-S	2500	STEAM	20	12	3200	3000	9500	6500
0076	F	BLACKBURN & MCLAR	WOOLEN FACTORY	182	35000	WATER	200	58	14400	60000	80000	20000
0076	F	BRAY JOHN	BLACKSMITH FORGE	896	250		.	2	800	150	1000	850
0076	F	FINN WILLIAM	WHEELWRIGHT SHOP	329	50		.	1	150	30	250	220
0076	F	MCCLEMONT W & CO	FLOUR/OATMEAL MI	105/105-O	40000	WATER	75	10	2500	100000	150000	50000
					77800		295	83	21050	163180	240750	77570

RICHMOND VILLAGE: ALL ESTABLISHMENTS BY PROPRIETOR, 1871

CDID	CED	PROPRIOR	TYPEEST	SIC	FIXCAP	TYPEPOW	FORCE	TOTEMP	WAGES	SUMRAWC	SUMPROC	VADD
0078	E	BAXTER MICHAEL	HARNES MAKING S	179-S	200		.	3	1000	2000	4000	2000
0078	E	BENNETT MATTHEW	BLACKSMITH FORGE	896	500		.	1	500	110	800	690
0078	E	BROWN THOMAS	BLACKSMITH FORGE	896	200		.	2	600	120	1000	880
0078	E	BROWN THOMAS	CARRIAGE FACTORY	329	400		.	1	400	120	1250	1130
0078	E	BUTLER W H	TANNERY	172	1000		.	2	700	2000	4000	2000
0078	E	DAWSON WILLIAM	HARNES MAKING S	179-S	200		.	3	800	2000	4000	2000
0078	E	EAMES PETER	WAGONMAKER	329	100		.	1	200	25	500	475
0078	E	ELLIOTT & LITTLE	SAW MILL	251	200	WATER	20	2	200	1000	1800	800
0078	E	MAGUIRE WILLIAM	SHOE MAKING SHOP	174	200		.	2	700	350	1500	1150
0078	E	MCDUGALL DUNCAN	BLACKSMITH FORGE	896	1000		.	3	1000	400	1500	1100
0078	E	MCDUGALL DUNCAN	CARRIAGE FACTORY	329	1000		.	3	1000	156	3500	3344
0078	E	MCELROY HENRY	CLOTHING/MILLINE	242/249-M	1000		.	4	775	2000	3500	1500
0078	E	MOORE REBECCA JAN	WEAVER	182-W	50		.	1	50	65	172	107
0078	E	O'CONNOR JAMES	WAGONMAKER	329	300		.	2	700	70	1000	930
0078	E	SHELLINGTON WILLI	BAKERY	107	100		.	1	160	780	1050	270
0078	E	TAUDVIN & JOHNSTO	MARBLE/STONECUTT	353	600		.	2	800	800	1600	800
					7050		20	33	9585	11996	31172	19176

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